

CALENDAR

OF

VICTORIA UNIVERSITY,

COBOURG, CANADA.

Incorporated by Royal Charter as "The Upper Canada Academy" in 1836.

Reorganized as a University by an Amended Charter in 1841.

Reorganized in 1884 by the Consolidation of Albert and Victoria.

SESSION 1888-9.

TORONTO:

PRINTED AT THE METHODIST BOOK AND PUBLISHING HOUSE,

78 & 80 KING STREET EAST.

1888.

Calendar for the Academic Year.

1888.		
July	3 Tuesday	Local Matriculation Examinations at the High Schools begin.
Sept.	1 Saturday	Last day of Application for Matriculation and Supplementary Examinations. (The fee to be enclosed.)
"	25 Tuesday	Matriculation and Supplementary Matriculation Examinations begin.
"	27 Thursday	Supplementary Examinations begin.
"	29 Saturday	Students in Arts, Science and Theology enrolled, and fees paid to the Treasurer.
Oct.	1 Monday	Lectures in Arts, Science and Theology begin.
Dec.	21 Friday	Lectures close for Christmas Holidays.
1889.		
Jan.	3 Thursday	Lectures resumed.
Mar.	1 Friday	<i>Last day of giving notice of intention to compete for Medals, Scholarships, Prizes, etc. Non-residents must send to the Assistant Registrar, not later than this date, an exact list of subjects in which examination is desired in Arts, Law, Science, or Theology.</i>
April	5 Friday	Lectures close.
"	9 Tuesday	{ Examinations in Arts, Theology and Science begin. Senior Matriculation begins.
"	13 Saturday	Last day for presenting Punshon Prize Essay, and Applications for Degree of M.A.
"	22 Monday	Examinations in Law begin.
"	24 Wednesday	Conference Examinations begin.
May	12 Sunday	Baccalaureate Sermon.
"	13 Monday	3 p.m., Annual Lecture before the Theological Union; 7.30 p.m., Literary Association.
"	14 Tuesday	10 a.m., Convocation of the Senate; 2 p.m., Meeting of the College Board; 3 p.m., Science Association; 7.30 p.m., Annual Meeting of the Alumni.
"	15 Wednesday	3 p.m., Public Convocation.
"	16 Thursday	Last day of Application for Matriculation. (Fees to be enclosed.)

VICTORIA UNIVERSITY.

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Acting Secretary.

JUNIOR MATRICULATION EXAMINATION.

Department I.—CLASSICS.

Sub-Dept. I.—LATIN :

1888. { Cicero, in Catilinam, I.
 { Virgil, *Æneid*, I.
 { Cæsar, B. G. I., 1-33.
1889. { Cicero, in Catilinam, I.
 { Virgil, *Æneid*, V.
 { Cæsar, B. G. I., 1-33.
1890. { Cicero, in Catilinam, II.
 { Virgil, *Æneid*, V.
 { Cæsar, *Bellum Britannicum*.

Sub-Dept. II.—GREEK :

- { Xenophon, *Anabasis*, I.
 { Homer, *Iliad*, IV.
- { Xenophon, *Anabasis*, II.
 { Homer, *Iliad*, IV.
- { Xenophon, *Anabasis*, II.
 { Homer, *Iliad*, VI.

Translation from English into Latin Prose (Bradley's *Arnold*, Ex. I.-XL, with additional exercises in re-translation).

A Paper on Latin Grammar.

Department II.—MATHEMATICS.

Sub-Dept. III.—ARITHMETIC.

Sub-Dept. IV.—ALGEBRA : To the end of Quadratic Equations.

Sub-Dept. V.—GEOMETRY : Euclid, Bks. I., II., III.

Department III.—ENGLISH.

Sub-Dept. VI.—CRITICAL READING : Selected Poems—

1888. Cowper, *The Task*, Bks. III. and IV.
1889. Scott, *Lay of the Last Minstrel*.
1890. Byron, *Prisoner of Chillon*, and *Childe Harold's Pilgrimage*, from Stanza 73 of Canto II. to Stanza 51 of Canto III. inclusive.

A Paper on Grammar.

COMPOSITION.—The Examiner will allow a choice of subjects, the themes for composition being based on the following selections:—

1888. Coleridge, *Life of Sir Alexander Ball* (last four Essays in *The Friend*).
1889. Selections from Goldsmith's *Essays*—*Citizen of the World*, Preface and Nos. 13, 14, 23, 25, 26, 30, 36, 37, 49, 50, 55, 60.
1890. Selections from Addison's *Essays*—*Spectator*, Nos. 21, 23, 26, 47, 50, 69, 93, 115, 159, 162, 169, 195, 225, 381, 387, 458, 483, 574, 583, 598.

The candidates will also be required to read critically the Prose Authors prescribed for this Examination.

Department IV.—HISTORY AND GEOGRAPHY.

Sub-Dept. VII.—*ENGLISH HISTORY: From William III. to George III. inclusive.

Sub-Dept. VIII.—ANCIENT HISTORY: Roman History, from the commencement of the second Punic War to the death of Augustus. Greek History, from the Persian to the Peloponnesian Wars, both inclusive.

* This subject is to be understood as embracing Colonial History.

Sub-Dept. IX.—GEOGRAPHY: Ancient Geography—Greece, Italy, and Asia Minor. Modern Geography—North America and Europe. Physical Geography.

OPTIONAL SUBJECTS.

FRENCH.

1888. { Souvestre, Un Philosophe sous les Toits.
1890. {
1889. Lamartine, Christophe Colomb.

A Paper on Grammar.

Translation of easy passages from English into French.

GERMAN.

1888. { Hauff, Das Kalte Herz (from Das Wirtshaus im Spessart—Pitt Press
1890. { Series).
Schiller, Der Gang nach dem Eisenhammer.
1889. { Grimm, Kinder-und Haus-Märchen (Williamson & Co.'s edition).
Schiller, Der Taucher.

A Paper on Grammar.

Translation of easy sentences from English into German.

HONOR EXAMINATION.

CLASSICS.

- | | | |
|-------|------------------------------------|----------------------|
| 1888. | { Demosthenes, Olynthiacs. | { Horace, Odes, III. |
| | { Homer, Odyssey, VI. | { Livy, XXII. |
| 1889. | { Demosthenes, Philippics, I., II. | { Horace, Odes, III. |
| | { Homer, Odyssey, VI. | { Livy, XXIII. |
| 1890. | { Demosthenes, Philippics, I., II. | { Horace, Odes, I. |
| | { Homer, Odyssey, VII. | { Livy, XXIII. |

Translation from Latin and Greek authors not specified.

Translation from English into Latin Prose.

A Paper on Greek Grammar, including the translation of easy sentences based on the first thirty exercises of Arnold's Greek Prose Composition.

MATHEMATICS.

PLANE TRIGONOMETRY: The Solution of Triangles.

ALGEBRA: To the end of Binomial Theorem.

EUCLID: Bks. IV., VI., and Definitions of Bk. V.

ENGLISH.

CRITICAL READING: One of Shakespeare's Plays—

1888. Julius Cæsar.

1889. As You Like It.

1890. Coriolanus.

A Paper on English Grammar and Philology.

FRENCH.

1888. { Scribe, Bertrand et Raton.

1890.

1889. Scribe, Le Verre d'Eau.

Translation of unspecified passages from easy French authors.

Translation from English into French.

Writing easy French from dictation.

GERMAN.

1888. { Schiller, Ezmont's Leben und Tod (Clarendon Press Series).

1890. { Schiller, Das Lied von der Glocke, and Hero und Leander.

1889. { Schiller, Belagerung von Antwerpen (Clarendon Press Series).

{ Schiller, Die Kraniche des Ibycus.

Translation of unspecified passages from easy German authors.

Translation of easy passages from English into German.

Writing easy German from dictation.

HISTORY AND GEOGRAPHY.

HISTORY: English History under the Houses of Tudor and Stuart.

GEOGRAPHY: Geography of the British Empire, including the Colonies.

The subjects prescribed for Junior Matriculation will be changed to correspond with any changes made by the Education Department for Second Class Certificates.

EXAMINATIONS.

The regular Matriculation Examination, Pass and Honor, will be held in connection with the Education Departmental Examinations for Teachers. A second Examination, Pass and Supplementary, will be held at Cobourg in September.

Candidates who fail in not more than two Sub-Departments at the first Examination may present themselves in those subjects alone at the Supplementary Examination in September. A failure to pass in any subject at the Supplementary Examination in September will disqualify the Candidate from further examination in the said subject until the regular Examination in June or July following.

Candidates for Junior Matriculation must be not less than fifteen years of age, and must give a written notice to the Registrar of their intention to write, and of the subjects upon which they propose to write, not less than four weeks before the date fixed for examination, the notice to be accompanied by the required fee.

All Matriculants may take Greek—or French and German.

CERTIFICATES PRO TANTO.

The Diplomas of the Education Department of Ontario, and their equivalent non-professional Teachers' Certificates of the Second Class, and the corresponding Diplomas of Albert College and other Colleges affiliated to this University, will be accepted *pro tanto* on Junior Matriculation, but Candidates for Honors presenting such Certificates must take the Pass as well as the Honor Papers in the Departments in which they seek Honors.

SENIOR MATRICULATION.

The Senior Matriculation, Pass and Honor, corresponds with the work of the Freshman Year. Candidates for the Examination must be not less than eighteen years of age. The Examination is held in April and September. All successful Candidates are entitled to Sophomore standing. The rules prescribed for Honors at this Examination are the same as for the Freshman Year.

Non-professional Teachers' Certificates of the First Class, and the corresponding Diplomas of Albert College and other Colleges affiliated to this University, will be accepted *pro tanto* on Junior and Senior Matriculation, Pass and Honor.

FRESHMAN YEAR.

Department I.—CLASSICS.

1888.	{ Demosthenes, Philippics, I., II. Homer, Odyssey, VI.	{ Horace, Odes, III. Livy, XXIII.
1889.	{ Demosthenes, Philippics, I., II. Homer, Odyssey, VII.	{ Horace, Odes, I. Livy, XXIII.
1890.	{ Xenophon, Cyropædia, I. Homer, Odyssey, VII.	{ Horace, Odes, I. Livy, XXI.

Translation from English into Latin Prose.

Translation (with aid of dictionaries) of easy passages from Latin authors not specified.

A Paper on Latin and Greek Grammar.

Department II.—MATHEMATICS.

ALGEBRA: Equations, Proportion, and Progressions.

EUCLID, Bks. IV., VI., and Definitions of Bk. V.

PLANE TRIGONOMETRY: As far as Solution of Plane Triangles.

Department III.—MODERN LANGUAGES.

FRENCH:

1888. { Scribe, Bertrand et Raton.

1890. {

1889. Scribe, Le Verre d'Eau.

Translation of unspecified passages from easy French authors.

A Paper on Grammar.

Writing French from dictation.

Translation from English into French.

Outlines of the History of French Literature (Saintsbury's Primer).

GERMAN:

1888. { Schiller, Egmont's Leben und Tod (Clarendon Press Series).
 1890. { Schiller, Das Lied von der Glocke, and Hero und Leander.
 1889. { Schiller, Belagerung von Antwerpen (Clarendon Press Series).
 { Schiller, Die Kraniche des Ibycus.

Translation of unspecified passages from easy German authors.

A Paper on Grammar.

Writing German from dictation.

Translation of easy passages from English into German.

Outlines of the History of German Literature (Helen Conant).

Department IV.—ENGLISH AND HISTORY.

CRITICAL READING: One of Shakespeare's Plays.

1888. Julius Cæsar.

1889. As You Like It.

1890. Coriolanus.

COMPOSITION.

GRAMMAR: History and Etymology of the English Language.

RHETORICAL FORMS.

LITERATURE: History of English Literature to end of Elizabethan Period.

For Reference: Earle, The Philology of the English Tongue.

Bain, English Composition and Rhetoric.

Craik, History of Literature and Learning in England.

ANCIENT HISTORY: Origin of Civilization.

Greece: Persian Wars to Achaean League. Grote, Caps. XXXV., XXXVI., XXXVIII. - XLII., XLIV. - XLVI., LXVI. - LXXI., LXXVII. - LXXIX., LXXXVI. - XCI. Thirlwall, Caps. LX. - LXIII.

Rome: Mommsen, Bk. III., Caps. I. - VI., XIII., XIV.; Bk. IV., Caps. XI., XII. Merivale, History of the Romans, Caps. XXXI. - XXXIV., XXXVII. - XLI., LI., LXI., LXVII.

Department V.—ORIENTAL LANGUAGES.

HEBREW: Grammar to the end of Imperfect Verbs (Mitchell's Gesenius).

Translation from Hebrew into English.

Selections from the Old Testament.

Department VI.—NATURAL SCIENCE.

BIOLOGY: Lectures.

Pass Students of the Freshman Year must take the fixed subjects in Departments II., IV. and VI.; also the Pass work in Latin, and in any two of the following:—Greek, French, German, and Hebrew.

Honor Students must read, in addition to the above Pass work, the subjects prescribed for Honors in the Department or Departments in which they seek Honor standing.

HONOR COURSE.

Department I.—CLASSICS.

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|-------|---|---|
| 1888. | { Demosthenes, Philippics, III.
Pro Rhodiis.
Homer, Odyssey, II. | { Cicero, Pro Plancio, and
Tusculan Disputations, III.
Virgil, Georgics, I. |
| 1889. | { Demosthenes, Philippics, III.
Pro Rhodiis.
Homer, Odyssey, III. | { Cicero, Pro Sestio, and
Tusculan Disputations, IV.
Virgil, Georgics, I. |
| 1890. | { Demosthenes, Aphobus, I., II.
Homer, Odyssey, III. | { Cicero, Pro Sestio, and
Tusculan Disputations, V.
Virgil, Georgics, II. |

Translation from English into Latin and Greek Prose.

Translation from Latin and Greek authors not specified.

Paper on Latin and Greek Grammar and Philology.

Department II.—MATHEMATICS.

ALGEBRA.

PLANE TRIGONOMETRY.

ANALYTICAL PLANE GEOMETRY.

Department III.—MODERN LANGUAGES.

FRENCH:

- | | |
|-------|--|
| 1888. | { Ponsard, L'Honneur et l'Argent. |
| 1890. | { Lamartine, Graziella. |
| 1889. | { Ponsard, Le Lion Amoureux.
Feuillet, Roman d'un Jeune Homme Pauvre. |

Translation of unspecified passages from French authors.

Translation from English into French.

GERMAN:

- | | |
|-------|---|
| | { Chamisso, Peter Schlemihl. |
| 1888. | { Schiller, Selected Ballads (Simonson's German Ballad Book, omit- |
| 1890. | { ting "Das Lied von der Glocke" and "Der Gang nach dem
Eisenhammer"). |
| 1889. | { Goethe, Knabenjahre (Pitt Press Series).
Goethe, Minor Poems (Sonnenschein's Annotated German Classics). |

Translation of unspecified passages from German authors.

Translation from English into German.

Department IV.—ENGLISH.

CRITICAL READING: Selected Poems of Milton and Chaucer—

- | | |
|-------|---|
| 1888. | { Milton, Paradise Lost, Bk. III., and L'Allegro.
Chaucer, Prologue, and the Prioresses Tale. |
| 1889. | { Milton, Paradise Lost, Bk. V., and Il Penseroso.
Chaucer, Prologue, and the Clerkes Tale. |
| 1890. | { Milton, Paradise Lost, Bk. XI., and Comus.
Chaucer, Prologue, and The Chanounes Yemannes Tale. |

PROSODY AND RHETORIC.

LITERATURE: History of English Literature, Chaucer to Surrey.

For Reference: Abbott and Seeley, English Lessons for English People.
 Bain, English Composition and Rhetoric.
 Craik, History of Literature and Learning in England.
 Marsh, English Language and Literature, Lectures VI. to XI.
 inclusive.

SOPHOMORE YEAR.

Department I.—CLASSICS.

LATIN:

- Horace, Odes, Bk. I.; Satires, Bk. I.
- Horace, Epistles, Bk. I.
- A Paper on Grammar.
- *Horace, Epistles, Bk. II.
- *Horace, Satires, Bk. II.
- *Translation from authors not specified.

GREEK:

- Greek Testament, Gospel according to Mark.
- Thucydides, Bk. I., Caps. 1-7, 20-60, 66-88.
- Prose Composition.
- A Paper on Grammar.
- *Greek Testament, The Acts.
- *Thucydides, Bk. II., Caps. 47-54.
- *Translation from authors not specified.

Department II.—MATHEMATICS.

ALGEBRA:

- Indeterminate Coefficients, Binomial Theorem, and Theory of Logarithms.

TRIGONOMETRY:

- Elements of Spherical Trigonometry.

MECHANICS:

- Elementary Statics and Dynamics.
- *Determinants.
- *Analytical Geometry (continued).
- *Spherical Trigonometry.
- *Differential Calculus.
- *General Theory of Equations.

Department III.—MODERN LANGUAGES.

FRENCH:

- A Paper on Grammar.
- Translation from English into French.

* Additional for Honors.

FRENCH (*Continued*):

- Translation from authors not specified.
- Reading French and writing from dictation.
- Literature: Lectures.
- La Fontaine's Fables (three books).
- Michelet, La Prise de la Bastille.
- About, La Mère de la Marquise (Hachette's edition).
- *A Paper on Grammar.
- *Translation from English into French.
- *Translation from authors not specified.
- *Scribe, Adrienne Lecouvreur.
- *Eckmann-Chatrian, La Guerre.
- *Mixer's French Poetry (selections).

GERMAN:

- A Paper on Grammar.
- Translation from English into German.
- Translation from authors not specified.
- Reading German and writing from dictation.
- Literature: Lectures.
- Schiller, Wilhelm Tell.
- Fouqué, Undine.
- *A Paper on Grammar.
- *Translation from English into German.
- *Translation from authors not specified.
- *Goethe, Götz von Berlichingen.
- *Lessing, Minna von Barnhelm.

ITALIAN:

- *Grammar and Composition, Principia I. (Harper).
- *Reading, Selections, Principia II. (Harper).

Department IV.—ENGLISH AND HISTORY.

LITERATURE:

History of English Literature, from end of Elizabethan Period to the present.

For Reference: Welsh's Development of the English Language and Literature.
Earle's Philology of the English Tongue.

- *English Men of Letters: Bunyan and Scott.
- *Shakespeare, Hamlet.

HISTORY:

Biblical Literature, Lectures.

For Reference: Smith's Old Testament History and New Testament History.

- Molesworth's History of England.
- *Creasy on the Rise and Progress of the English Constitution.

Pass Students may substitute Creasy for Molesworth.

*Additional for Honors.

Department V.—ORIENTAL LANGUAGES.**HEBREW:**

Grammar, completed.

Genesis XXXVII., XLIX.; Psalms I.-V.; Ruth I.-IV.

Department VI.—NATURAL SCIENCE.**PHYSICS:**

Lectures on the Elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics, Heat, Correlation and Conservation of Energy.

*Lectures on Electricity and Magnetism, with Laboratory Practice.

BOTANY:

Lectures on the Morphology and Classification of Plants.

*Determinative Analysis of Plants, and practical work with the Microscope.

Department VII.—PHILOSOPHY, LOGIC, AND CIVIL POLITY.**LOGIC:**

Lectures.

Text-books: Thomson's Outline of the Necessary Laws of Thought.
Farrar's Witness of History to Christ.

*THE CARTESIAN PHILOSOPHY.

Text-books: Descartes, Method and Meditations.

Kuno Fischer's Descartes and His School.

Ferrier's Pre-Socratic Greek Philosophy.

Schwegler, Cap. I.-XXVI.

Bowen, Cap. I.-VI.

Pass Students of the Sophomore Year must take the fixed subjects in Departments II., IV., VI. and VII.; also the Pass work in Latin, and in any two of the following: Greek, French, German, and Hebrew.

Honor Students must read, in addition to the above Pass work, the subjects prescribed for Honors in the Department or Departments in which they seek Honor standing.

Honor Students in Department VI. are exempt from one of the above optional languages, and Honor Students in any of the other Departments are exempt from Botany.

JUNIOR YEAR.**Department I.—CLASSICS.****LATIN:**

Tacitus, Germania, Agricola, Annals, Bk. I.

Prose Composition (Bradley's Arnold, XLI. to end).

A Paper on Grammar.

*Livy, Preface.

*Plautus, Captives.

*Translation from authors not specified.

*Additional for Honors.

GREEK:

- Herodotus, Bk. I.
- Plato, Selections from Phaedo.
- A Paper on Grammar.
- Prose Composition.
- * Plato, Apologia.
- * Aristotle, Ethics, Bk. I.
- * Translation from authors not specified.

Department II.—MATHEMATICS.

MECHANICS:

- * Differential Calculus (continued).
- * Applications of Calculus to Geometry.

*HYDROSTATICS.

Department III.—MODERN LANGUAGES.

FRENCH:

- A Paper on Grammar.
- Translation from English into French.
- Translation from authors not specified.
- Reading French and writing from dictation.
- Literature: Classic Period (Van Laun).
- Racine, Iphigénie en Aulide.
- Cornelle, Le Cid.
- Molière, Les Précieuses Ridicules.
- Voltaire, Zaire.
- * A Paper on Grammar (Brachet).
- * Translation from English into French.
- * Translation from authors not specified.
- * Racine, Athalie.
- * Cornelle, Polyeucte, Le menteur.
- * Molière, L'Avare, Le Misanthrope, Le Tartuffe, Le Malade Imaginaire, Les Femmes Savantes.
- * Boileau, Le Lutrin.

GERMAN:

- A Paper on Grammar.
- Translation from English into German.
- Translation from authors not specified.
- Reading German and writing from dictation.
- Literature: Scherer.
- Schiller, Maria Stuart.
- Goethe, Hermann und Dorothea.
- Zschokke, Der zerbrochene Krug.
- * A Paper on Grammar—Historical Outlines.
- * Translation from English into German.
- * Translation from authors not specified.
- * Schiller, Braut von Messina.
- * Goethe, Egmont (Clarendon Press), Iphigenie auf Tauris (Clarendon Press).

*Additional for Honors.

ITALIAN:

- *A Paper on Grammar.
- *Translation from English into Italian.
- *Literature: Outlines.
- *Goldoni, Il vero Amico.
- *Silvio Pellico, Le Mie Prigioni.

Department IV.—ENGLISH.

LITERATURE:

- Chaucer, The Canterbury Tales, Prologue, The Knight's Tale.
- Spenser, The Faery Queene, Bk. I.
- Shakespeare, King Lear, *The Tempest.
- *Dryden, Annus Mirabilis.
- Pope, Essay on Man.
- *Wordsworth, The Excursion, Bks. I. and III.; Ode to Duty, Ode on Intimations of Immortality.
- *Stedman's Victorian Poets.
- Studies from Modern Literature.

Department V.—ORIENTAL LANGUAGES.

HEBREW:

Genesis I.—XI., Exodus XX.—XXIII.

CHALDEE:

- *Grammar.
- *Selections from the Targums (Rigg's Chaldee Manual).

Department VI.—NATURAL SCIENCE.

INORGANIC CHEMISTRY:

Lectures on Chemical Philosophy; Stoichiometry; Properties, Preparation and Occurrence of the Non-metals and their chief Compounds; Theory of Flames; Valence of Elements; Radicals; Classification of Elements and Compounds; Properties of Elements a function of their Atomic Weights; the Constitution of Matter.

*Lectures and Laboratory Practice: The Preparation of the Non-metals and their chief Compounds.

*Qualitative Analysis: Lectures and Laboratory Practice.

MINERALOGY:†

Lectures on Crystallography, illustrated by a collection of over one hundred Models; Determination of all the principal Forms, chief Derivative Forms, and their combinations of the six systems; Physical Characters of Minerals; Blow-pipe Analysis (qualitative), with Laboratory Practice (six hours weekly).

*Additional for Honors.

†Tools required: Blow-pipe with platinum point and Plattner's mouthpiece, platinum-pointed forceps, platinum wire, wireholder, hammer, and box of test minerals. Elegant and convenient tables, furnished with blow-pipe lamp and re-agents, are supplied by the Department at a fee of \$5 per term. The examination in this subject is entirely practical, and consists in determining the system, formula, description and derivation of any two out of the collection of one hundred crystallographic models. Description of the physical characters and determination of the chemical constituents of any two minerals furnished in a sealed box by the Examiner.

ZOOLOGY:

- *Lectures on the Classification of the Invertebrates.
- *Lectures on Histology and Preparation of Histological Specimens.

METEOROLOGY:

- *Lectures and Practice in the use of Instruments.

Department VII.—PHILOSOPHY, LOGIC, AND CIVIL POLITY.

PHILOSOPHY:

Lectures.

Text-books: Bowne's Psychology.

The Relations between Religion and Science (Bampton Lectures, 1884).

Walker's Political Economy.

- *Locke's Essay on Human Understanding.
- *Fraser's Selections from Berkeley.
- *Hume's Treatise on Human Nature, Bk. I.
- *Berkeley and Hume, in Blackwood's Philosophical Classics.
- *Schwegler, Cap. XXVII.—XXXVII.
- *Bowen, Cap. VII.—IX.
- *Jevons' Money and the Mechanism of Exchange.

Pass Students of the Junior Year must take the fixed subjects in Departments VI. and VII., and the Pass work in any three of the following:—Latin, Greek, French, German, English, and Hebrew.

Honor Students must take the fixed subjects in Departments VI. and VII., and the full work, Pass and Honor, of the Department in which they seek Honors.

Honor Students in Departments I., II., III. and VI. must take, in addition, the Pass work in one language.

Honor Students in Departments IV., V. and VII. must take, in addition, the Pass work in two languages.

SENIOR YEAR.**Department I.—CLASSICS.**

LATIN:

- Cicero de Officiis, Bk I.
- Juvenal, Satires, 3, 10, 13, 14.
- Horace, Ars Poetica.
- A Paper on Grammar.
- Prose Composition.
- *Pliny, Select Epistles.
- *Cicero de Officiis, Bks. II. and III.
- *Translation from authors not specified.

GREEK:

Euripides, Medea.

* Additional for Honors.

GREEK (Continued):

- Sophocles, Antigone.
- A Paper on Grammar.
- Prose Composition.
- *Sophocles, Ajax.
- *Æschylus, Agamemnon.
- *Aristophanes, Equites, Plutus.
- *Translation from authors not specified.

Department II.—MATHEMATICS.

ASTRONOMY.

- *INTEGRAL CALCULUS.
- *ANALYTICAL MECHANICS.

Department III.—MODERN LANGUAGES.

FRENCH:

- A Paper on Grammar.
- Translation from English into French.
- Translation from authors not specified.
- Reading French and writing from dictation.
- Literature: Romantic Period (Van Laun).
- Exercises in Conversation.
- Balzac, Selections (Van Laun).
- Hugo, Hernani.
- About, Le Roi des Montagnes.
- Crane, Le Romantisme Français (Putnam).
- *A Paper on Grammar.
- *Translation from English into French.
- *Translation from authors not specified.
- *Hugo, Les Orientales, Ruy Blas.
- *Sainte Beuve, Causeries du Lundi (Clarendon Press).
- *Musset, On ne badine pas avec L'Amour and Fantasia (Clarendon Press).
- *Balzac, Eugénie Grandet.

GERMAN:

- A Paper on Grammar.
- Translation from English into German.
- Translation from authors not specified.
- Reading German and writing from dictation.
- Literature: Scherer.
- Exercises in Conversation.
- Goethe, Selections from Prose Writings (Buchheim).
- Schiller, Wallenstein's Tod.
- Freytag, Die Journalisten.
- *Paper on Grammar.
- *Translation from English into German.
- *Translation from authors not specified.
- *Goethe, Selections from Faust (4,000 lines).
- *Lessing, Nathan der Weise.

* Additional for Honors.

ITALIAN:

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ITALIAN:

- *A Paper on Grammar.
- *Exercises in Composition and Conversation.
- *Lectures.
- *Metastasio, La Clemenza di Tito.
- *Dante, Inferno, Selections (Clarendon Press).
- *Tasso, La Gerusalemme Liberata, Canto I. (Clarendon Press).

Department IV.—ENGLISH.

LITERATURE:

- Shakespeare, Macbeth, Love's Labor Lost.
- Milton, Comus, *L'Allegro and Il Penseroso, *Areopagitica.
- *Burns, Selections.
- *Coleridge, The Ancient Mariner.
- Cowper, The Task, Bks. I., II. and III.
- Tennyson, In Memoriam.
- Longfellow, Evangeline.
- Studies from Modern Literature.

Department V.—ORIENTAL LANGUAGES.

HEBREW:

- Isaiah I.—XIV., XL.—XLII.

CHALDEE:

- *Daniel II. and III.

SYRIAC:

- *Grammar (Phillips).
- *Translations from the New Testament.

Department VI.—NATURAL SCIENCE.

GEOLOGY:†

- Lectures on Lithology, illustrated by hand specimens.
- Dynamic Geology and Historic Geology, with rudiments of Paleontology.

DETERMINATIVE MINERALOGY:‡

- Determination of one hundred Minerals (Von Kobell's Tables, Brush).
- *Practical Work in Lithology, with preparation of Microscopic Sections.
- *Assaying: Lectures and Laboratory Practice.

*Additional for Honors.

†The examination on the subject of Lithology is entirely practical, and consists in the determination and description of hand specimens of rocks occurring about Cobourg. The subject of Historic Geology includes a number of Lectures, to which the public are admitted.

‡The examination in Determinative Mineralogy consists in the determination of any four of the hundred minerals (given for practice) furnished in a sealed box. Tools required in addition to those mentioned in the course of the Junior Year: Platinum foil, test tubes, evaporating dishes, funnels, and filtering paper, one box of one hundred minerals. Special tables, furnished with dry and wet re-agents, Bunsen lamp and necessary conveniences, supplied by the Department at a fee of \$5 per term.

Department VII.—PHILOSOPHY, LOGIC, AND CIVIL POLITY.**ETHICS AND ETHICAL SYSTEMS:****Lectures.**

Text-books: Calderwood's Hand-book of Moral Philosophy.

Ferrier's History of Greek Philosophy.

Bowne's Philosophy of Theism.

1. *Aristotle's Nicomachean Ethics, Bks. I., II., III., IV. and X. (Williams' edition).
2. *Green's Prolegomena to Ethics.

CIVIL POLITY:

3. *Holland's Elements of Jurisprudence.
4. *Maine's Ancient Law.

MENTAL PHILOSOPHY:

5. *Philosophy of Kant (Critique of the Pure Reason).
6. *History of Modern Philosophy (Bowen, Schwegler).
7. *Green's Introduction to Hume.

N.B.—Pass Students who choose their elective work from Department VII. must read 3 and 4 of these seven Honor subjects.

Pass Students of the Senior Year must take the fixed subjects in Departments II., VI. and VII., and the Pass work in any three of the following:—Latin, Greek, French, German, English and Hebrew, and also an option of three hours' additional work from Departments I., III., IV., V., VI., or VII.

THEOLOGICAL OPTIONS.—In the third or fourth years Biblical Greek or Theology may be substituted for Classical Greek or the corresponding equivalent language; the amount required to be equated by the Faculties concerned.

FINAL EXAMINATIONS FOR HONORS AND MEDALS IN 1889.

CLASSICS.**LATIN:**

Cicero de Officiis, Bks. I., II. and III.

Selections from Cicero, by Walford ("Rome's Rule of her Provinces").

Cicero, De Natura Deorum.

Virgil, Æneid, Bk. XII.

Livy, Preface.

Tacitus, Germania, Agricola, Annals, Bk. I.

Pliny, Select Epistles.

Plautus, Captives.

Horace, Ars Poetica; Odes, Bk. III.

Juvenal, Satires, 3, 10, 13, 14.

Prose Composition.

A Paper on Grammar.

Translation from authors not specified.

* Additional for Honors.

DUTY.

GREEK:

Homer, Iliad, Bk. XXII.; Odyssey, Bk. VI.
 Herodotus, Bk. I.
 Plato, Apologia, Selections from Phaedo.
 Aristotle, Ethics, Bk. I.
 Æschylus, Agamemnon.
 Sophocles, Antigone, Ajax.
 Euripides, Medea.
 Aristophanes, Equites, Plutus.
 Prose Composition.
 A Paper on Grammar.
 Translation from authors not specified.

ASTRONOMY:

Physical.

GEOLOGY:

Dynamic and Historic.

LITHOLOGY AND PALEONTOLOGY.

PHILOSOPHY:

Pass Ethics.

MATHEMATICS.

ASTRONOMY:

Physical and Spherical.

DIFFERENTIAL CALCULUS.

INTEGRAL CALCULUS.

ANALYTICAL GEOMETRY.

SPHERICAL TRIGONOMETRY.

GENERAL THEORY OF EQUATIONS.

ANALYTICAL MECHANICS.

GEOLOGY:

Dynamic and Historic.

LITHOLOGY AND PALEONTOLOGY.

PHILOSOPHY:

Pass Ethics.

Also the subjoined work in any one of the following languages:—

LATIN:

Cicero de Officiis, Bk. I.
 Juvenal, Satires, 3, 10, 13, 14.

GREEK:

Euripides, Medea.
 Sophocles, Antigone.

FRENCH:

The Pass work of the Senior Year.

GERMAN:

The Pass work of the Senior Year.

ENGLISH:

The Pass work of the Senior Year.

HEBREW:

Isaiah I.-XIV. and XL.-XLII.

ENGLISH AND MODERN LANGUAGES.

ENGLISH:

Shakespeare, Macbeth, Love's Labor Lost.
Milton, Comus, L'Allegro, Il Penseroso, Areopagitica.
Burns, Selections.
Coleridge, The Ancient Mariner.
Cowper, The Task, Bks. I., II. and III.
Tennyson, In Memoriam.
Longfellow, Evangeline.
Studies from Modern Literature.

FRENCH:

Corneille, Le Cid, Polyeucte, Le Menteur.
Racine, Iphigénie, Athalie.
Molière, Le Misanthrope, Le Tartufe, Les Précieuses Ridicules, Les Femmes
Savantes, L'Avare.
Boileau, Le Lutrin.
La Fontaine, Fables, Bks. I.-III.
Voltaire, Zaire.
Balzac, Selections (Van Laun) and Eugénie Grandet.
Hugo, Hernani, Les Orientales, Ruy Blas.
Musset, On ne badine pas avec L'Amour and Fantasia.
About, Le Roi des Montagnes.
Sainte Beuve, Causeries du Lundi.
Crane, Le Romantisme Français.
History of French Literature.
Philology (Wall and Brachet).
Grammar and Composition.
Translation from authors not specified.
Reading French and writing from dictation.

GERMAN:

Deutsche Lyrik (Buchheim).
Lessing, Nathan der Weise.
Goethe, Iphigenie auf Tauris, Faust, Hermann und Dorothea, Selections
from Prose Writings.
Schiller, Wallenstein's Tod, Wilhelm Tell.
Freytag, Die Journalisten.
Scherer's History of German Literature.
Translation from authors not specified.
Grammar and Composition.

ITALIAN:

Grammar and Composition.

ITALIAN (*Continued*):Goldine, *Il vero Amico*.Tasso, *La Gerusalemme Liberata*, Canto I.Metastasio, *La Clemenza di Tito*.Dante, *Inferno*, Selections (Clarendon Press).Silvio Pellico, *Le Mie Prigioni*.

ASTRONOMY:

Physical.

GEOLOGY:

Dynamic and Historic.

LITHOLOGY AND PALEONTOLOGY.

PHILOSOPHY:

Pass Ethics.

NATURAL SCIENCE.

BOTANY.

PHYSICS.

MINERALOGY.

GEOLOGY:

Dynamic and Historic.

LITHOLOGY AND PALEONTOLOGY.

DETERMINATIVE MINERALOGY.

QUALITATIVE ANALYSIS.

ASTRONOMY.

PHILOSOPHY:

Pass Ethics.

Also the subjoined work in any two of the following languages:—

LATIN:

Cicero de Officiis, Bk. I.

Juvenal, Satires, 3, 10, 13, 14.

GREEK:

Euripides, Medea.

Sophocles, Antigone.

FRENCH:

The Pass work of the Senior Year.

GERMAN:

The Pass work of the Senior Year.

ENGLISH:

The Pass work of the Senior Year.

HEBREW:

Isaiah I.-XIV., XL.-XLII.

Les Femmes

Selections

PHILOSOPHY, LOGIC, AND CIVIL POLITY.**ETHICS:**

- Calderwood's Hand-book of Moral Philosophy.
 Ferrier's History of Greek Philosophy.
 Bowne's Philosophy of Theism.
 Aristotle's Nicomachean Ethics, Bks. I.-IV., and X. (Williams' edition).
 Green's Prolegomena to Ethics.

CIVIL POLITY:

- Holland's Elements of Jurisprudence.
 Maine's Ancient Law.

PHILOSOPHY:

- Philosophy of Kant (Critique of the Pure Reason).
 History of Philosophy (Schwegler, Bowen).
 Green's Introduction to Hume.

ASTRONOMY.**GEOLOGY:**

- Dynamic and Historic.

LITHOLOGY AND PALEONTOLOGY.

Also the subjoined work in any two of the following languages:—

LATIN:

- Cicero de Officiis, Bk. I.
 Juvenal, Satires, 3, 10, 13, 14.

GREEK:

- Euripides, Medea.
 Sophocles, Antigone.

FRENCH:

- The Pass work of the Senior Year.

GERMAN:

- The Pass work of the Senior Year.

ENGLISH:

- The Pass work of the Senior Year.

HEBREW:

- Isaiah I.-XIV., XL.-XLII.

MEDALS.

Five Gold Medals and five Silver Medals are given at the end of the Course to the best Honor Students who reach a certain standard—a Gold Medal and a Silver Medal in each of the following Departments:—I. Classics; II. Mathematics; III. English and Modern Languages; IV. Natural Science V. Philosophy, Logic, and Civil Polity.

The following gentlemen are donors of these Medals:—

Gold Medal, Department	I.....	G. R. Sanderson, D.D.
"	II.....	Hon. W. E. Sanford.
"	III.....	J. J. MacLaren, M.A., LL.B.
"	IV.....	George A. Cox, Esq.
"	V.....	H. Hough, M.A.
Silver Medal, Depts. I., II., III., IV., V.....		S. H. Janes, M.A.

Competitors for Honors or Medals in any Department must have passed satisfactory Examinations in the required Pass work of the first three years, and also in the Honor work of the Department chosen.

Only such Students as take the full work, Pass and Honor, of one of these five Departments throughout the entire Course are graduated as Honor Students.

PRINCE OF WALES MEDALS.

The Medals founded by His Royal Highness the Prince of Wales are offered for general proficiency to the members of the Graduating Class each year. Each competitor must meet the requirements of an Honor Candidate in some Department, and, in addition, take the following Examination for 1889:—

Sallust's Catiline.

Horace, Odes, Bk. III.; Epistles, Bk. I.

History of English Literature.

Plane Trigonometry.

Chemistry.

Calderwood's Hand-book of Moral Philosophy.

Political Economy.

REGULATIONS AND ANNOUNCEMENTS.

No Student is admitted to Undergraduate standing in this University without passing the Matriculation Examination; but non-matriculated Students may, as specialists, attend any course of Lectures for which, in the judgment of the Faculty, they are prepared.

Students coming from other Universities, and bringing letters of honorable dismissal, are admitted *ad eundem statum*, after preliminary examination. The work on which Students receive standing, together with the work done subsequently, must be fully equivalent to what is ordinarily required at this University for the degree of B.A.

Ladies are admitted to all the privileges of the University on the same terms as gentlemen.

In Faraday Hall, a new and spacious building, greatly improved facilities are now offered for the study of Science, and especially for instruction in Blow-pipe Analysis, Assaying, Crystallography, and Determinative Mineralogy.

EXAMINATIONS.

All Candidates for Examination must, on or before the first day of March, make application to the Registrar of the Senate, giving a detailed statement of Examinations desired, both in Pass work and in Honor work, and enclosing the required fees.

All Candidates for Degrees must forward their application to the Registrar, accompanied with the usual fees, on or before the first day of May.

Supplemental Examinations will be allowed in the case of Students who fail in not more than one Department, or its equivalent, the Department of Classics being taken as the standard.

Students who fail in more than one Department, as defined above, must be re-examined on the whole work of the year.

The Annual Supplemental Examinations begin in the last week in September.

The fee for a Supplemental Examination on the work of a year is \$10, and on the work of a Department, as defined above, \$5.

Application for Supplemental Examination must be made to the Registrar at least four weeks before the time set for the Examination; the fee in all cases to be enclosed with the application.

A Student who fails at the Supplemental Examination in September must lose the year, unless the Senate, for good and sufficient reason, shall order otherwise.

A Student who fails at the Final Examination for Degrees will not be permitted to come up for Supplemental Examination before September, when, on his passing the Examination, the Senate may confer the Degree.

PRIZES.

THE RYERSON PRIZE, founded by J. G. Hodgins, LL.D., is awarded to the Freshman who is first in Scripture History.

THE WALLBRIDGE PRIZE, founded by A. F. Wallbridge, M.A., is awarded to the Student who obtains the highest standing in the Greek Testament. The papers are set on such books as are read by the Sophomore Class in Arts, and the Competition is open to all University Students.

THE WEBSTER AND HODGINS PRIZES, established by J. G. Hodgins, LL.D., are open for competition to all Undergraduates of Sophomore standing, and are awarded to the first and second in Rhetoric and English Literature of the first two years.

THE PUNSHON PRIZE, founded by William Kerr, M.A., LL.D., is awarded to the member of the Graduating Class who stands first in English Composition and Elocution. To the winner of this Prize is granted the distinction of Valedictorian for the year. The subject for 1889 is "Kaiser Wilhelm." The following is the Committee of Examiners:—Wm. Kerr, M.A., LL.D., D. C. McHenry, M.A., Dr. Powell, Rev. James Roy, LL.D., and Rev. D. L. McRae.

THE WILSON MEMORIAL PRIZE, of the value of \$18, founded by Bishop Wilson, D.D. (Reformed Episcopal Church, Dominion of Canada), is awarded to the best in the Mathematics of the Senior Year (Astronomy).

THE CLARKE PRIZE, established by Mr. S. Clarke, is given for special excellence in Ethics, including both Pass and Honor.

DEGREES.

BACHELOR OF ARTS.

In order to proceed regularly to this Degree Candidates are required—

1. To pass the Matriculation Examination.
2. To attend the daily instructions of the Lecture Room during the whole Course, unless under special circumstances, when a dispensation for a limited time may be obtained from the Faculty. In all cases, however, one year's residence, at least, is required of Candidates for B.A., either at Victoria or at some institution where similar advantages can be obtained.
3. To pursue their University studies regularly for a period of, at least, four years.
4. To pass satisfactory examinations in all the subjects of the prescribed Course of Study. Besides the ordinary daily, terminal and occasional Examinations conducted by the Professors, there will be a Primary Examination at the end of the Sophomore Year, and a Final at the end of the Senior Year. No Student will be admitted to the Primary Examination who has not passed all previous Examinations; and no Student will be admitted to the Examination of the Junior Year who has not passed in all the subjects of the Sophomore Year. Students who fail at the regular Examination, and again in the same subjects at the prescribed Supplementary Examinations, must attend a second course of Lectures in those subjects in which they fail.
5. To maintain a good moral character.

Dispensation from residence may, in peculiar cases, include the privilege of proceeding to B.A. on three Examinations—the Matriculation, the Primary, and the Final—and the usual interval of two years between these Examinations may, when it is found expedient, be shortened on application to the Faculty.

The Primary Examination will embrace the subjects of the first two years, and the Final the subjects of the last two, as prescribed in the ordinary Course for B.A., by four Annual Examinations.

In no case is a Degree conferred by this University without the completion of the Course of Study prescribed.

MASTER OF ARTS.

Candidates for this Degree must be Bachelors of Arts of at least three years' standing. Their attainments and moral character must be satisfactory to the Senate of the University.

They must also make application in writing to the Registrar on or before the day specified in the Calendar.

AD EUNDEM.—Candidates for admission *ad eundem gradum* must furnish evidence of good moral character, and of graduation in Arts in an approved University.

MASTER OF ARTS WITH HONORS.

Candidates may proceed to the Degree of M.A. with Honors in any one or more of the five Departments of the Arts Course in which they have not graduated with Honors by taking the Final Examination for B.A. with Honors in such Department or Departments, without the Pass work in the additional Departments required of Candidates for B.A.

Such Candidates may present themselves for M.A. at the expiration of one year after having taken the B.A. Degree.

This Degree is also open to Graduates who have taken M.A. in Course.

COLLEGE HOODS.*

The following materials and colors have been prescribed by the Senate for the Hoods to be worn by the Graduates in the various Faculties:—

B.A.—Black alpaca, lined with white silk, and trimmed with ermine.

M.A.—Black corded silk, lined with purple.

B.Sc.—Navy blue silk, lined with sky blue silk; hood and band trimmed with ermine.

Ph.D.—Scarlet cloth, lined with white silk, bordered with navy blue silk and a blue cord.

LL.B.—Blue silk, lined with white silk, and trimmed with ermine.

LL.D.—Scarlet cloth, lined with white silk, trimmed with ermine and a blue cord.

M.D.—Scarlet cloth, lined with blue silk.

B.D.—Same as M.A., with the addition of ermine trimming.

D.D.—Scarlet cloth, lined with purple silk.

* For College Hoods, etc., apply to GEORGE HARCOURT & SONS, 43 King Street East, Toronto.

DISCIPLINE.

Students connected with the College are expected to conduct themselves with propriety, and to observe all regulations imposed by the President and Faculty.

Students whose conduct or progress in study is unsatisfactory will not be allowed to remain in the University.

RELIGIOUS SERVICES.

All Students are expected to attend Divine Service on the Lord's Day, at such churches as their parents or guardians may prefer.

They are also required to attend Divine Service daily in the College Chapel.

Religious services will also be held in the College on each Lord's Day.

FEES AND EXPENSES.

Matriculation in any Faculty	\$5 00
Senior Matriculation	10 00
Tuition (per annum)	15 00
Non-residents (Annual Fee)	25 00
Incidentals	10 00
Supplemental Examination (Annual)	10 00
Supplemental Examination (Departmental ...)	5 00
Examination for M.A. with Honors	5 00
Annual Examination in Law	10 00
Certificate of Standing	2 00
Change of Faculty	4 00
Degree of B.A.	10 00
Degree of B.Sc.	10 00
Degree of M.A.	10 00
Degree of LL.B.	10 00
Degree of B.D.	10 00
Degree of M.D.	20 00
Degree of LL.D.	50 00
Ad eundem statum	3 00
Ad eundem gradum	10 00

Science Department.

COURSE OF STUDY.

MATRICULATION.

Department I.—MATHEMATICS.

Sub-Dept. I.—ARITHMETIC.

Sub-Dept. II.—ALGEBRA: Through the Binomial Theorem.

Sub-Dept. III.—(1) GEOMETRY: Euclid, Bks. I.—VI.; (2) PLANE TRIGONOMETRY:
Through the Solution of Plane Triangles.

Department II.—NATURAL SCIENCE.

Sub-Dept. IV.—NATURAL PHILOSOPHY: Houghton, or Peck's Ganot.

Sub-Dept. V.—CHEMISTRY: Roscoe's Primer.

Department III.—ENGLISH.

Sub-Dept. VI.—(1) GRAMMAR AND COMPOSITION. (2) LITERATURE: Junior
Matriculation in Arts.

Sub-Dept. VII.—ANCIENT HISTORY: Junior Matriculation in Arts.

Sub-Dept. VIII.—ENGLISH HISTORY: Junior Matriculation in Arts.

Sub-Dept. IX.—GEOGRAPHY: Junior Matriculation in Arts.

Department IV.—MODERN LANGUAGES.

FRENCH: (1) Grammar. (2) Translation from English into French. (3) Junior
Matriculation in Arts.

GERMAN: (1) Grammar. (2) Translation from English into German. (3) Junior
Matriculation in Arts.

FIRST YEAR.

MATHEMATICS:

Algebra.
Solid Geometry.
Plane Trigonometry.
Spherical Trigonometry.

BOTANY:

Lectures and Practical Work with Microscope and Analysis of Plants.

HISTORY:

Hallam's Middle Ages, Caps. I., II., V., VII. and IX.

Molesworth's History of England.

Creasy on the Rise and Progress of the English Constitution.

ENGLISH:

Freshman Year in Arts, omitting Ancient History.

FRENCH:

Freshman Year in Arts.

GERMAN:

Freshman Year in Arts.

SECOND YEAR.

MATHEMATICS:

Analytical Geometry.

Differential Calculus.

PHYSICS:

Lectures on the Elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics, Heat, Electricity (Static and Dynamic), Magnetism, Correlation and Conservation of Energy.

Laboratory Practice from four to six hours a week.

LOGIC:

Lectures.

Text-book: Thomson, Outline of the Laws of Thought.

APOLOGETICS:

The Relations between Religion and Science (Bampton Lectures, 1884).

CIVIL POLITY:

Walker's Political Economy.

Holland's Elements of Jurisprudence.

Maine's Ancient Law.

ENGLISH:

History of English Literature.

Shakespeare, Hamlet.

Bacon, Essays (Rivington's edition, by Storr).

Scott, The Lay of the Last Minstrel.

FRENCH:

Sophomore Year in Arts.

GERMAN:

Sophomore Year in Arts.

THIRD YEAR.

MATHEMATICS:

Integral Calculus.

INORGANIC CHEMISTRY:

Lectures and Laboratory Practice in the preparation of the Non-Metals and their chief compounds.

Lectures and Laboratory Practice in Qualitative Analysis.

BIOLOGY:

Lectures on the Elements of Biology and the Classification of the Invertebrates, also on Histology and Preparation of Histological Specimens.

MINERALOGY:*

Lectures on Crystallography, illustrated by a collection of over one hundred models.

Determination of all the principal forms, chief derivative forms, and their combinations of the six systems.

Lectures on physical characters of Minerals; also on Blow-pipe Analysis (qualitative) with Laboratory Practice (six hours weekly).

GEOLOGY:†

Lectures on Lithology, illustrated by hand specimens; Dynamic Geology and Historic Geology, with rudiments of Paleontology.

Practical work in Lithology and Paleontology, with preparation of Microscopic Sections.

ASSAYING:

Lectures and Laboratory Practice.

FRENCH:

Junior Year in Arts.

GERMAN:

Junior Year in Arts.

PHILOSOPHY:

Bowne's Psychology.

History of Philosophy (Schwegler, Bowen).

FOURTH YEAR.

ASTRONOMY:

Lectures.

*Tools required: Blow-pipe with platinum point, and Plattner's mouthpiece, platinum wire, wireholder, hammer, and box of test minerals. Elegant and convenient tables, furnished with blow-pipe lamp and re-agents, are supplied by the Department at a fee of \$5 per term. The Examination in this subject is entirely practical, and consists in determining the system, formula, description, and derivation of any two out of the collection of one hundred crystallographic models; also a description of the physical characters, and determination of the chemical constituents of any two minerals, furnished in a sealed box by the Examiner.

†The Examination in the subject of Lithology is entirely practical, and consists in the determination and description of hand specimens of rocks occurring in the drift about Cobourg. The subject of Historic Geology includes a number of Lectures, to which the public are admitted.

MATHEMATICS:

Surveying and Navigation.
Analytical Mechanics.

METEOROLOGY:

Lectures and Practice in the use of Instruments.

DETERMINATIVE MINERALOGY:*

Lectures on Descriptive Mineralogy.
Determination of one hundred Minerals (Von Kobell's Tables—Brush).

ENGLISH:

Senior Year in Arts.

FRENCH:

Senior Year in Arts.

GERMAN:

Senior Year in Arts.

PHILOSOPHY:

Ferrier's History of Greek Philosophy.
Kant's Critique of Pure Reason.

ETHICS AND NATURAL THEOLOGY:

Calderwood's Hand-book of Moral Philosophy.
Flint's Theism.
Bowne's Philosophy of Theism.
Green's Prolegomena to Ethics.

*The Examination in Determinative Mineralogy consists in the determination of any four of the hundred minerals (given for practice) furnished in a sealed box by the Examiner. Tools required in addition to those mentioned in the Course for the Junior Year: Platinum foil, test tubes, evaporating dishes, funnels, and filtering paper, one box of 100 minerals. Special tables, furnished with dry and wet re-agents, Bunsen's lamp, and necessary conveniences, supplied by the Department at a fee of \$5 per term.

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REGULATIONS AND ANNOUNCEMENTS.

DEGREE OF B.Sc.—On the successful completion of the Course in Science the Degree of Bachelor in Science will be conferred by the Senate of the University.

The Regulations and Announcements concerning admission, discipline, religious services, fees and expenses for the Faculty of Arts will apply in this Department also.

Graduates and Undergraduates in Arts who proceed to the Degree of B.Sc. are charged a fee of \$4 for enrolment in the Science Department, and a fee of \$2 a paper for all papers set after enrolment. No re-examinations are required on subjects passed in the Arts Course.

Faraday Hall, a spacious and commodious building, has recently been erected and provided with laboratories, lecture rooms, and all necessary appliances for the use of the Science Department. The amphitheatre is constructed on an entirely new plan—furnishing two hundred sittings, each one of which commands a full view of the lecture table, which is supplied with all conveniences for chemical and physical experimentation. The auditorium has nine windows, which can be darkened at one movement by machinery in connection with the lecture table, and it is illuminated by gas jets, which are under the control of the experimenter.

The cabinets contain a fine collection of minerals, all of which are set up. The collection of specimens illustrating the subject of Lithology is unusually fine; there is a very extensive collection of Paleontological specimens, foreign as well as native, from the Silurian period to the present.

The Mineralogical Laboratory for Blow-pipe Analysis and Determinative Mineralogy contains tables of most convenient and elegant design, fully supplied with re-agents, wet and dry. The Science Department is supplied with a complete set of apparatus, of the latest construction, which was purchased from the best makers in London, Paris, Leipsic and Berlin, illustrating Electricity (static and dynamic) and Magnetism; air-pumps, piston, and Sprengel's acoustical apparatus; a four-horse power silent Otto's gas engine, with lathe and conveniences for manufacture of necessary pieces of accessory apparatus; apparatus for throwing spectra on the screen; a battery of thirty quart Grove cells, etc., etc.

Honor Students in Department VI. of the Arts Course, and those who read the Science Course, have practical work in the use of all the above apparatus.

Applicants desiring more explicit information on points that may particularly concern them are requested to communicate on the subject with Dr. EUGENE HAANEL, Professor of Chemistry and Physics, Faraday Hall, Victoria University, Cobourg, Ontario, Canada.

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Faculty of Medicine.

Faculty of Medicine.

EXAMINERS IN MEDICINE, TORONTO.

U. OGDEN, M.D., DEAN.

W. W. OGDEN, M.D., C.M., M.C.P.S.O.

A. H. WRIGHT, M.D., M.R.C.S.E.

I. H. CAMERON, M.D., M.C.P.S.O.

J. M. MacCALLUM, B.A., M.D., L.S.A.

F. L. M. GRASSETT, M.B., C.M., F.R.C.S., EDIN.

W. B. NEVITT, M.D., M.C.P.S.O.

H. J. Heyner, M.D.

L'ECOLE DE MEDICINE ET DE CHIRURGIE
DE MONTREAL.

FONDEE EN 1843, ET INCORPOREE EN 1845.

Affiliée à l'Université Victoria de Cobourg, Ont.

FACULTE.

WILLIAM H. HINGSTON, M.D., D.C.L., L.R.C.S. EDIN.,

Chevalier, Professeur de Clinique Chirurgicale, Membre de l'Acad. Imp. Léopold,
Membre de la Société Pollichia de Bavière, Membre Honoraire de la Société
Généologique de Boston, etc., Chirurgien Consultant à l'Hôpital de Femmes
et au Dispensaire de Montréal, Ancien Président de l'Association Médicale
Canadienne, *Président de la Faculté*—Résidence, 37 Avenue Union.

THOMAS E. D'ODET D'ORSONNENS, M.D., C.M., LL.D.,

Docteur ès Lettres, Membre de l'Académie des Arcades, Chevalier de l'Ordre
de St. Grégoire le Grande, Professeur de Chimie et Pharmacie, Médecin
des Dames de l'Hôtel Dieu, Médecin de l'Institut des Frères des Ecoles
Chrétiennes, Médecin Consultant des Dispensaires et de la Maternité de
Montréal—Résidence, 26½ Rue Ste. Elizabeth.

J. EMERY-CODERRE, M.D.

Professeur de Matière Médicale et de Thérapeutique, Médecin Consultant des
Dispensaires et de la Maternité de Montréal.—Résidence, 64 Rue St. Denis.

A. DEMER, M.D.,

Professeur de Pathologie Interne, Médecin Consultant des Dispensaires et de la
Maternité de Montréal.—Résidence, 287 Rue Dorchester.

L. B. DUROCHER, M.D.,

Professeur de Jurisprudence Médicale et de Botanique, Médecin Consultant des
Dispensaires.—Résidence, 748 Rue Ste. Catherine.

J. A. S. BRUNELLE, M.D., C.M.,

Médecin du Bon-Pasteur, Professeur de Chirurgie.—Résidence, 191 Rue
St. Laurent.

L. A. E. DESJARDINS, M.D., C.M., A.B.,
Professeur d'Ophthalmologie.—Résidence, 165 Rue Bleury.

L. D. MIGNAULT, M.D., C.M., A.B.,
Professeur d'Anatomie Descriptive Médecin des Dames de l'Hôtel Dieu,
Secrétaire de la Faculté.—Résidence, 155 Rue Bleury.

HON. A. H. PAQUET, M.D.,
Sénateur, Professeur de Hygiène.—Résidence, St. Cuthbert.

J. J. GUERIN, M.D.,
Professeur d'Clinique Médicale.

DR. POITEVIN,
Prosecteur et Démonstrateur d'Anatomie.

DR. CHARTRAND,
Aide au Cours de Chimie.

DR. POITEVIN,
Lecteur sur la Botanique.

J. A. LEBLANC, M.D.,
Bibliothécaire et Curateur du Musée.—Résidence, 417 Rue Mignonne.

MEDECINS DE L'HOTEL DIEU.

MEDECINS CONSULTANTS.

M. le DR. C. F. PAINCHAUD.—Résidence, Varennes.
M. l'HON. SENATEUR PAQUET.—Résidence, St. Cuthbert.

MEDECINS ORDINAIRES.

MM. les DRS. D'ORSONNENS, J. EMERY-CODERRE, W. H. HINGSTON,
L. B. DUROCHER, J. A. S. BRUNELLE, L. D. MIGNAULT, A.
MACDONNELL, J. J. GUERIN.

MEDECIN OCULISTE.

M. le DR. L. A. E. DESJARDINS.

COURSE OF STUDY.

MATRICULATION.

English Grammar and Composition.

Literature: As in Junior Matriculation in Arts.

Arithmetic.

Algebra: Through Simple Equations.

Geometry: Euclid, Bks. I. and II.

Latin: Grammar, and any author as in Junior Matriculation in Arts for that year.

An option of Greek, French, German, Natural Philosophy.

In Greek, French or German, any author as above.

Third Class Teachers' Certificates accepted with the Latin option or Latin added.

PRIMARY EXAMINATION.

Descriptive Anatomy.

Physiology.

Theoretical Chemistry.

Materia Medica.

Botany.

FINAL EXAMINATION.

Surgical Anatomy.

Practical Chemistry.

Principles and Practice of Medicine.

Principles and Practice of Surgery.

Midwifery and Diseases of Women and Children.

Medical Jurisprudence.

REGULATIONS AND ANNOUNCEMENTS.

DEGREE OF M.D. *C.M.*

1. Candidates for this degree must pass a Matriculation Examination as follows, viz.: Either (1) Matriculation in Arts of this University; or (2) the non-professional examination of the Education Department for second or third-class teachers, with the Latin option; or (3) Matriculation in Medicine of this University, which is the same as that of the Royal College of Physicians and Surgeons, Ontario. The corresponding diplomas of the Province of Quebec are also accepted.

2. They must pass the Primary and Final Examinations prescribed by the curriculum of this University.

3. They must have spent four years in professional study before admission to Final Examination. Graduates in Arts will be admitted after three years' professional study.

4. They must furnish evidence of attendance upon Medical Lectures for three sessions of six months each at the Medical Faculty of the University of Toronto, or l'Ecole de Médecine et de Chirurgie de Montreal, or some School of standing recognized by the Senate. The Lectures required are as follows:—

Descriptive Anatomy.....	Two Courses of Six Months each.
Practical Anatomy.....	" " " " "
Physiology	" " " " "
Theoretical Chemistry	" " " " "
Materia Medica and Therapeutics..	" " " " "
Principles and Practice of Surgery..	" " " " "
Principles and Practice of Medicine	" " " " "
Midwifery and Diseases of Women	
and Children.....	" " " " "
Clinical Medicine.....	" " " " "
Clinical Surgery.....	" " " " "
Medical Jurisprudence.....	" " of Three " "
Practical Chemistry	One Course " " "
Botany	" " " " "

They must spend six months in the office of a regularly qualified medical practitioner.

They must attend the practice of a General Hospital for eighteen months.

They must attend six cases of Midwifery.

They must be twenty-one years of age.

Candidates may take the Matriculation Examination at Cobourg in June or in September, or at Toronto during the latter part of December.

The regular Professional Examination takes place the first week of April.

FEES.

Matriculation	\$5 00
Degree of M.D., including Primary and Final Examinations....	20 00

Additional information may be obtained from Dr. U. Ogden, Dean of the Medical Faculty of Victoria University, 18 Carlton Street, Toronto; or from Dr. W. H. Hingston, President of l'Ecole de Médecine et de Chirurgie, 37 Avenue Union, Montreal.

<i>Sanitary Science</i>	<i>one Course</i>
<i>Normal Histology</i>	<i>" "</i>
<i>Pathological Histology</i>	<i>" "</i>

Faculty of Law.

Faculty of Law.

EXAMINERS.

WM. KERR, M.A., LL.D., Q.C., DEAN OF THE FACULTY.

BYRON M. BRITTON, M.A., Q.C.

J. J. MACLAREN, M.A., B.C.L., Q.C.

JOHN H. DUMBLE, M.A., LL.B.

W. H. McCLIVE, M.A., LL.B.

A. A. STOCKTON, M.A., D.C.L., Ph.D.

R. W. WILSON, M.A., LL.B.

S. F. LAZIER, M.A., LL.B.

A. PURSLOW, M.A., LL.D.

W. R. RIDDELL, LL.B.

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COURSE OF STUDY.

MATRICULATION.

- *Xenophon, *Anabasis*, Bk. I., 7, 8, 9, 10.
- *Homer, *Iliad*, Bk. I.
- Virgil, *Æneid*, Bk. II.; Cicero, *Pro Lege Manilia*.
- Arithmetic.
- Algebra: Todhunter.
- Geometry: Euclid, Bks. I., II., III., IV., VI., and Definitions of Bk. V.
- English Grammar and Composition.
- Shakespeare: *The Merchant of Venice*.
- Outlines of Ancient History: Schmitz.
- English History: Green's *Short History of the English People*.
- Geography: Ancient and Modern.
- *French: The same as for Matriculation in Arts, including the Honor work.

FIRST YEAR.

1. Horace, *Odes*, Bks. I. and II.
- *2. Demosthenes de *Corona*.
3. Hallam's *Middle Ages*.
4. Blackstone's *Commentaries*, Vol. I., and Leith's Edition of Vol. II.
5. *History of Philosophy* (Schwegler, Bowen).
6. Calderwood's *Hand-book of Moral Philosophy*.
7. Ferrier's *History of Greek Philosophy*.
- *8. Corneille, *Cinna*.
- *9. Molière, *Les Précieuses Ridicules*.
- *10. Roche, *Prosateurs Français*, XVIII. Century.

SECOND YEAR.

1. Cicero de *Officiis*, Bk. III.
- *2. Aristotle's *Ethics*, Bk. II.
3. Walker's *Political Economy*.
- *4. Racine, *Les Plaideurs*.
- *5. Erckmann-Chatrian, *Le Conscrit de 1813*.
6. Blackstone's *Commentaries*, Vol. III.

* An option is allowed between Greek and French.

7. Thomson's Outline of the Laws of Thought.
8. Bowne's Psychology.
9. Hallam's Constitutional History of England.
10. Mill on Utilitarianism.
11. Green's Prolegomena to Ethics.

THIRD YEAR.

1. Smith's Mercantile Law.
2. Broom on Common Law.
3. Williams on Law of Real Property.
4. Taylor's Equity Jurisprudence, Vol. I.
5. Justinian's Institutes (in English).
6. Statutes relating to the Constitution of Canada.
7. Bentham's Theory of Morals and Legislation (Oxford Edition, pp. 1-151).
8. Watson's Constitutional History of Canada.

OPTIONS.*

1. Mill's Political Economy.
2. Maine's Ancient Law, and Gibbon, Chap. XLIV.
3. Kent's International Law, or Woolsey.
4. May's Constitutional History.

FOURTH YEAR.

1. Powell on Evidence.
2. Pollock on Contracts.
3. Story's Conflict of Laws.
4. Blackstone's Commentaries, Vol. IV.
5. Canadian Statutes relating to the Administration of Justice and Criminal Law.
6. Holland's Elements of Jurisprudence.

OPTIONS.*

2. Amos' Science of Law.
3. Mill's Representative Government.

* These Options may be substituted for the works with the corresponding numbers in the above list, and are designed to meet the preferences of non-professional students.

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REGULATIONS AND ANNOUNCEMENTS.

DEGREE OF LL.B.

To obtain the Degree of LL.B. it is necessary to pass the Examination for Matriculation and the four subsequent Annual Examinations.

A Graduate in the Faculty of Arts is exempt from subjects on which he has passed in the Arts Course.

A Graduate in Arts of three years' standing, who has also been admitted a Barrister by any Law Society of the Dominion of Canada, is admitted to the Degree of LL.B. on a Final Examination on the following works:—

1. Kant's International Law, or Woolsey.
2. Hallam's Constitutional History of England.
3. Story's Conflict of Laws.
4. Mill's Representative Government.
5. Bentham's Theory of Morals and Legislation (Oxford Ed., pp. 1-151).
6. Holland's Elements of Jurisprudence.

Any Barrister, not a Graduate in Arts, may be admitted to the Degree of LL.B. on two Examinations—a Primary on the first two years, and a Final on the last two years, of the Course. In this instance the Classics of the first two years will be omitted from the subjects of the Primary.

DEGREE OF LL.D.

A Graduate in both Arts and Law of this University may take the Degree of LL.D. in Course, in ten years after receiving that of M.A. or LL.B., on complying with the following regulations:—

I. Two years before proceeding to the Degree he shall pass an Examination in the following works:—

1. Commentaries, Gaius, Bks. I., II., III. and IV.
2. Tacitus, Annals, Bk. IV.
3. Savigny's Private International Law.
4. Phillimore's International Law.
5. Austin's Jurisprudence (American Edition).
6. Ueberweg's History of Philosophy, Vols. I. and II.
7. Hooker's Ecclesiastical Polity, Bk. I.

Options:—

1. Aristotle's Politics, Bks. I. and II.
2. Plato's Republic, Bks. I. and II.

II. Eight months before proceeding to the Degree he shall deliver to the Chancellor fifty copies of a printed thesis, containing at least thirty-two octavo pages, on a subject approved by the Examiners. The thesis must give evidence of such literary and scientific attainments as shall justify the Examiners in recommending the candidate for the Degree.

III. The fee for the Examination shall be \$10, and for the Degree \$50.

FEEs.

Matriculation	\$5 00
Annual Examination	10 00
Primary or Final	10 00
Examination for LL.D.	10 00
Degree of LL.B.	10 00
Degree of LL.D.	50 00

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Faculty of Theology.

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FACULTY.

REV. N. BURWASH, S.T.D., PRESIDENT,

Edward Jackson Professor of Biblical and Systematic Theology.

REV. A. H. REYNAR, M.A.,

Biblical and Ecclesiastical History.

REV. E. I. BADGLEY, B.D., LL.D.,

Adjunct Professor in Theology.

REV. G. C. WORKMAN, M.A.,

Professor of Old Testament Exegesis and Literature.

REV. F. H. WALLACE, M.A., B.D.,

Professor of New Testament Exegesis and Literature.

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COURSE OF STUDY.

PRELIMINARY STUDIES.

Wesley's Sermons, I.-LII.

Biblical History.

Biblical Introduction.

New Testament Greek. (Winer's Grammar and Thayer's Lexicon are recommended.)

Hebrew. (Green's Grammar and Davies' Lexicon are recommended.)

Ethics and Natural Theology. (Calderwood's Hand-book and Bowne's Philosophy of Theism are recommended.)

JUNIOR YEAR.

THEOLOGY.

PHILOSOPHICAL THEOLOGY: Harris' Philosophical Basis of Theism.

SYSTEMATIC THEOLOGY: Introduction; The Doctrines of Scripture, of God, and of Creation; Pope's Compendium of Christian Theology, Vol. I.; Harris' Self-Revelation of God; Westcott on the Canon of the New Testament; Augustinus, De Civitate Dei, Bks. VIII. and XIX.

EXEGESIS.

NEW TESTAMENT: The Gospels according to St. Luke and St. John (Greek and Vulgate Texts); Meyer's and Godet's Commentaries, and Cremer's Biblico-Theological Lexicon; Edersheim's History of Jesus the Messiah.

OLD TESTAMENT: Genesis, I.-XI., Exodus I.-XXIV., and Deuteronomy, (Hebrew, Septuagint, and Vulgate Texts); Bissell's Introduction to the Pentateuch; Lange's Commentary; Oehler's Old Testament Theology, Part I.

HISTORY.

Kurtz, Church History to the Reformation.

MIDDLE YEAR.

THEOLOGY.

The Doctrines of Sin, the Person and Work of Christ, the Administration of Redemption, and the Last Things; Pope, Vols. II. and III.; Miley and Crawford on the Atonement; Athanasius, Contra Arianos, I., secs. 11-22 and 37-64; Anselm, Cur Deus Homo.

EXEGESIS.

NEW TESTAMENT: The Acts (Greek and Vulgate Texts); Meyer's Commentary; Neander's Planting and Training of the Christian Church; Farrar's Life and Work of St. Paul.

OLD TESTAMENT: The Prophets; Isaiah and the Minor Prophets (Hebrew, Septuagint and Vulgate Texts); Orelli on Prophecy; Oehler's Prophetism; Cheyne's Commentary on Isaiah; Pusey on the Minor Prophets.

HISTORY.

History of the Reformation (Fisher).

History of Doctrine (Sheldon).

SENIOR YEAR.**THEOLOGY.**

Comparative Theology: Winer's Confessions; Schaff's Creeds of Christendom (for reference).

Biblical Theology of the New Testament: Weiss.

Lectures on Oriental Religions.

EXEGESIS.

NEW TESTAMENT: The Epistles—Romans, Hebrews, 1 John (Greek and Vulgate Texts); Burwash on Romans; Davidson on Hebrews; Haupt and Plummer on 1 John.

OLD TESTAMENT: The Poetical Books—The Psalms (Perowne's Commentary); Job (Cox's or Davidson's Commentary); Proverbs (Cheyne on the Hebrew Wisdom); Oehler's Biblical Theology of the Old Testament, Part III.; Riehm on Messianic Prophecy.

PRACTICAL THEOLOGY.

Homiletics (Hopkin).

* The Didache (Schaff's Edition).

* The Ignatian Epistles, and Selections from Cyprian.

Lectures on the Development of Church Polity during the first three centuries, or Rigg on Organization of the Church.

* For Reference, to accompany the Lectures on Church Polity.

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REGULATIONS AND ANNOUNCEMENTS.

DEGREE OF B.D.

Candidates for this Degree must be Graduates in Arts of at least two years' standing, and Ministers or Candidates for the Ministry in good standing in some branch of the Christian Church. They are required to give evidence of satisfactory acquaintance with the subjects assigned as preliminary studies, either as Theological Options in the Arts Course or as a Professional Course for Orders. The following Theological Options are allowed in the Arts Course: In the first and second years, Hebrew for French or German; in the third and fourth years, Hebrew, Theology, or Biblical Greek, for the Language Options.

Candidates, in addition to a satisfactory amount of these Options or of their equivalents, must pass all the Annual Examinations of the Curriculum in Divinity.

This Examination will be based essentially on the subjects. The textbooks named are to be used as aids to the mastery of the subjects.

HONORS.

The Sandford Gold Medal in Divinity is awarded to the Candidate who takes the highest standing in a Final Review Examination on three prescribed Departments of the Divinity Curriculum. The Departments for 1888 are Apologetics, History, and New Testament Exegesis; for 1889, Theology, Old Testament Exegesis, New Testament Exegesis. Each competitor, in addition to the ordinary statutory requirements for Medals, must have attained an average standing of at least sixty per cent. on the ordinary Examinations for B.D.

CANDIDATES FOR THE MINISTRY.

Probationers for the Ministry of the Methodist Church, who have been appointed to the College, will pursue the Course of Study prescribed in the Discipline of the Church, p. 247. They will be examined at the close of each College year by Examiners appointed by the Senate.

Provision is made each year for instruction in Elocution, as well as in Homiletics.

Candidates for Reception on Trial will find provision for all preliminary subjects in Theology, Biblical Introduction, and History. The Literary Examination for such entrants may be prepared at the same time, or the Candidate may prepare for full University Matriculation at the Cobourg Collegiate Institute. Similar provision for both Literary and Theological work for entrants is made in Albert College.

All such candidates must be recommended to their own District Meeting by the Quarterly Meeting of the Circuit from which they come.

The Macdonald Bursary of \$25, established by John Macdonald, Esq., of

Toronto, is awarded each year to the Probationer for the Methodist Ministry who stands first in Elocution.

The Wallbridge Prize, for New Testament Greek, is open to all Theological Students.

FEES AND EXPENSES.

Tuition	\$10 00
Incidentals	10 00
Single Course of Lectures.....	5 00
Annual Examination	5 00
Supplementary Examination (each Paper)	2 00
Degree of B.D.....	10 00
Total Expenses for Board, Incidentals, and Tuition....	\$120 to 150 00

For further information apply to the Rev. F. H. WALLACE, M.A., B.D., Registrar.

ALBERT COLLEGE BELLEVILLE.

In Affiliation with and Preparatory to Victoria University.

FACULTY.

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Professor of Philosophy and Instructor in Classics.

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JAMES THOMPSON BELL, Sc.D.,
Hastings Professor of Mines and Agriculture, etc.

T. O. BOLGER, P.L.S.,
Professor of Civil Engineering.

J. A. STANISTREET,
Professor of Theory and Practice of Music.

THOS. F. HOLGATE, B.A., SECRETARY,
Professor of Mathematics and Physics.

GEORGE A. SWAYZE,
Professor of Commercial Science and Penmanship.

ELLA GARDINER, B.A.,
*Professor of Modern Literature and History, and Preceptress
of Alexandra College.*

JOSEPH H. SHEPARD,
Professor of Elocution.

EMMA CLARK,
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F. J. ANDERSON,
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GEORGINA A. BURDETTE,
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- I. JUNIOR OR SENIOR MATRICULATION in Arts, Civil Engineering, Law, Medicine and Theology.
- II. COLLEGIATE COURSE, embodying elective undergraduate studies.
- III. TEACHERS' COURSES to prepare for Teachers' Examinations.
- IV. MUSICAL COURSE in Musical Academy.
- V. COMMERCIAL COLLEGE COURSE.
- VI. ORNAMENTAL PENMANSHIP COURSE.
- VII. COURSE IN FINE ARTS, embracing Painting, Drawing, etc.
- VIII. COURSE IN MINES AND AGRICULTURE.
- IX. ALEXANDRA LADIES' COLLEGE COURSE, leading to the M.L.A. and M.M.L.

The same papers for Matriculation are set as at Victoria, and at the same time, thus offering the opportunity of being examined where Students have pursued their studies.

Special facilities are offered for Conference Students, and those aiming to qualify as Teachers.

~~as~~ The Diploma of Albert College is accepted *pro tanto* by Victoria University.

For circular relating to fees, etc., address the President.

Catalogue.

Catalogue.

GRADUATES OF 1887.

B.A.

Ryckman, E. B., Prince of Wales Gold Medallist.
 Brown, C. W., Prince of Wales Silver Medallist. *Honorable mention.
 Gash, N. B., *Honorable mention in the competition for Prince of Wales Medals.

Andrews, W. W.	Livingstone, S. G.	Saunby, J. W.
Crummy, E.	Massey, N. L.	Stonehouse, A.
Donly, Miss M.	McDonald, Jno. A.	Switzer, F. L.
Fish, J. N.	McKenzie, D. R.	Smith, Alf. H.
Garnham, W. H.	Mussell, J. A.	Webb, F. L.
Guillet, C.	Mulholland, John.	Willmott, A. B.
Holland, R. J.	Philp, Wm.	Wilson, Joseph
Kennedy, H. W.	Sproule, F. H.	Wilson, A.
Kerr, C. W.	Starr, J. R. L.	Waddell, R. H.
Libby, W. H.	Steinhauer, R. B.	

B.Sc.

Crummy, E.	Schenick, Miss A.	Willmott, A. B.
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B.D.

Baker, E. N., M.A.	Caldwell, J. B., B.A.
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LL.B.

Huycke, E. C. S., B.A.	Jones, S. Alf.	McDonald, N.
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M.A.

Irvine, C. R., B.A.	McLean, John, B.A.	Peck, H. W., B.A.
King, Alonzo, B.A.	Pascoe, R. M., B.A.	Wilson, Jasper, B.A.
Kneeland, A. W., B.A.		

* Reached the Gold Medal standard.

Appel
 Aviso.
 Armsl
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 Bell,
 Ball,
 Brow.
 Came
 Camp
 Clapp
 Chart
 Colli
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 Free,

Arch
 Baro
 Bess
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 Char
 Corn
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 Cabé
 Carl
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M.D. and C.M.

Appelbee, James.	Galloway, Herbert, P. H.	Star, Henry R.
Avison, Oliver R.	Gillespie, Walter R.	Shaver, Geo. Hess.
Armstrong, Walter.	Griffin, Herbert S.	Shaw, W. R.
Barton, Sam. G. T., B.A.	Glassford, W. J.	Sinclair, Duncan.
Bell, James.	Groves, Oliver.	Smith, John C.
Ball, Jerrold.	<u>Halstead, Thos. H.</u>	Stewart, Geo. B.A.
Brown, James J.	Hunter, Aaron J.	Stockton, Geo. S.
Cameron, John M.	McFaul, Alex. M.	Taylor, Oliver.
Campbell, Edwin.	McCasey, John H.	Tovell, Matthew.
Clapp, W. H.	Moore, Chas. F.	Vrooman, J. P.
Charteris, Charles R.	Mullock, Matthew J.	Walsh, Wm. J.
Collins, Arthur E.	Palmer, Jeremiah A.	Westlake, Henry, B.A.
Dobie, Duncan A.	Perfect, Alf. H.	
Free, Edward J.	Rice, Peter J.	

M.D.

Archambault, Alex.	D'Eschambault, J. A. F.	Lamarche, Tancrede.
Barplet, Adelard.	Dugas, Come Alfred.	Leclaire, Chas. J. A.
Bessonnette, P. J. L.	Delille, Joseph Damase.	Laferriere, C. A.
Boileau, François X.	Ferland, Joseph S. E.	McIntosh, James.
Charron, Toussaint.	Fontaine, Jos. D.	Mignault, Ls. Jos. Adol.
Cornu, Felix.	Gervais, Paul E.	Michaud, Joseph A.
Corneau, François X.	Gadbois, Wilfred.	Poitras, Clouis Nap.
Cabana, Leonis Victor.	Guy, Jas. Ad.	Pelland, Pierre.
Carle, Charles T.	Garceau, Jos. Honoré.	Primeau, N. Allini.
Clement, A. B.	Joyal, Wilfred.	Rodier, Chas.
Chrétien, Zoog A.	Lanthier, Gabrielus.	Rochette, Leonis.
Desilets, Henri.	Levasseur, Frank.	Tremblay, Clement.
Dumont Noé.	Letourneau, Adelard.	

C.M.

Cabana, Louis Victor.	Garceau, J. Honoré.	Kennedy, Angus.
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D.D.

Antliffe, J. C., M.A., B.D.	Pascoe, W. S.	Williams, W.
Lane, B., B.A.	Pirritte, W.	

LL.D.

Stockton, A. A., LL.B.

MEDALLISTS AND PRIZEMEN, 1887.

FACULTY OF ARTS.

Prince of Wales Gold Medal	E. B. Ryckman.
Prince of Wales Silver Medal	C. W. Brown.
Gold Medal in Metaphysics	C. W. Brown.
Gold Medal in Mathematics	N. L. Massey.
Gold Medal in Classics	E. B. Ryckman.
Gold Medal in Natural Science	D. R. McKenzie.
Gold Medal in Moderns	H. W. Kennedy.
Silver Medal in Metaphysics	{ W. W. Andrews.* Miss M. Donly.*
Silver Medal in Mathematics	J. N. Fish.
Silver Medal in Classics	N. B. Gash.*
Silver Medal in Natural Science	{ R. J. Holland.* A. B. Willmott.*
Silver Medal in Moderns	C. Guillet.
	C. W. Brown.
	W. W. Andrews.
First Class Honors in Metaphysics (Senior Year)	{ Miss M. E. N. Donly. Jos. Wilson. F. H. Sproule.
	J. F. McLaughlin.
	C. I. D. Moore.
	J. W. Frizzell.
First Class Honors in Metaphysics (Junior Year)	{ E. Minkler. G. W. Kerby. S. B. Sinclair.
	H. Langford.
	J. R. L. Starr.
Second Class Honors in Metaphysics (Senior Year)	{ J. W. Saunby. W. H. Garnham. W. H. Libby.
First Class Honors in Classics (Senior Year)	{ E. B. Ryckman. N. B. Gash.
	W. S. Evans.
First Class Honors in Classics (Freshman Year)	{ A. B. Carscallen. J. H. Riddell. B. R. Strangways.
Second Class Honors in Classics (Sophomore Year)	{ W. J. Dixon. J. A. Jackson. J. Larmour.

* Honorable mention. Reached Gold Medal standard.

First Class Honors in Mathematics (Senior Year)	{ N. L. Massey. J. N. Fish.
First Class Honors in Mathematics (Junior Year)	{ T. Jamieson. F. W. Daly.
First Class Honors in Mathematics (Sophomore Year)	{ S. B. Sinclair. L. Stevenson.
First Class Honors in Mathematics (Freshman Year)	F. E. Fletcher.
Second Class Honors in Mathematics (Senior Year)	F. L. Switzer.
Second Class Honors in Mathematics (Sophomore Year)	W. B. Tucker.
Second Class Honors in Mathematics (Freshman Year)	{ W. Bellamy. H. H. Schuyler. J. E. Minns.
First Class Honors in English (Senior Year)	{ H. W. Kennedy. C. Guillet. J. A. McDonald.
First Class Honors in English (Junior Year)	Miss A. R. Phillips.
First Class Honors in English (Sophomore Year)	{ Miss E. Woods. W. H. Schofield. A. E. Lang.
First Class Honors in English (Freshman Year)	{ J. H. Riddell. F. E. Fletcher.
Second Class Honors in English (Sophomore Year)	Miss M. E. T. Addison
Second Class Honors in English (Freshman Year)	{ A. Fowler. A. W. Donly. W. B. Creighton. H. T. Ferguson.
First Class Honors in French (Senior Year)	{ H. W. Kennedy. C. Guillet. J. A. McDonald.
First Class Honors in French (Junior Year)	Miss A. R. Phillips.
First Class Honors in French (Sophomore Year)	{ Miss E. O. Woods. W. H. Schofield. Miss M. E. T. Addison.
First Class Honors in French (Freshman Year)	A. W. Donly.
Second Class Honors in French (Sophomore Year)	A. E. Lang.
First Class Honors in German (Senior Year)	H. W. Kennedy.
First Class Honors in German (Junior Year)	Miss A. R. Phillips.
First Class Honors in German (Sophomore Year)	{ A. E. Lang. W. H. Schofield.
First Class Honors in German (Freshman Year)	A. W. Donly.
Second Class Honors in German (Senior Year)	C. Guillet.
Second Class Honors in German (Sophomore Year)	Miss M. E. T. Addison.
First Class Honors in Natural Science (Senior Year)	{ D. R. McKenzie. A. B. Willmott. R. Holland.

First Class Honors in Natural Science (Junior Year).....	{ J. F. McLaughlin. J. W. Frizzell.
First Class Honors in Natural Science (Sophomore Year).....	{ A. J. Irwin. L. Stevenson. A. E. Lang. G. E. Brown.
Second Class Honors in Natural Science (Sophomore Year).....	D. R. Burr.
Punshon Prize and Valedictory	E. B. Ryckman.
Wilson Memorial	{ C. W. Brown. J. N. Fish.
Clarke Prize	W. W. Andrews.
Webster Prize	L. Stevenson.
Hodgins Prize	A. J. Irwin.
Ryerson Prize	J. H. Riddell.
Wallbridge Prize	A. J. Irwin.
Scholarship in Classics (Matriculation).....	W. S. Evans.
Scholarship in Mathematics (Matriculation)....	J. Howard.

FACULTY OF THEOLOGY.

Macdonald Bursary	C. T. Scott.
Prize in Exegesis	J. F. McLaughlin.

LITERARY ASSOCIATION PRIZE.

First in Elocution	W. S. Evans.
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FACULTY OF ARTS.

UNDERGRADUATES.

SENIORS.

<i>Name.</i>	<i>Post Office.</i>
Boggs, F. D.	Cobourg.
Campbell, C. G.	Almonte.
Connor, J. E.	Belleville.
Daly, F. W.	Napanee.
Frizzell, J. W.	Bognor.
Jamieson, T.	Kars.
Kerby, Geo. W.	Sarnia.

<i>Name.</i>	<i>Post Office.</i>
Langford, H.	London.
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Phillips, Miss A. R.	Cobourg.

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Drope, J. W.	Harwood.
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Lang, A. E.	Rankin.
Langford, F.	London.
Larmour, Jas.	Dundela.

Libby, M. F.	Napanee.
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Schofield, W. H.	Lakefield.
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Thompson, A.	Coldsprings.
Wigle, H. A.	Ruthven.

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Campbell, J. S.	Belleville.
Carscallen, A. B.	Dresden.
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Creighton, W. B.	Nilestown.
Dixon, W. J.	Greenbush.
Donly, A. W.	Simcoe.
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Empey, A. W.	Easton's Corners.
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Ferguson, H. T.	Blackstock.
Fletcher, F. E.	Toronto.
Fowler, A.	Toronto.

Gordon, A. J.	Tweed.
Hassard, W. E.	Blackstock.
Honey, G. E.	Mitchell.
Horning, L. N.	Cobourg.
Irwin, A. J.	Desboro.
Kono, J.	Tokio, Japan.
Laing, B.	Glenshee.
Massey, A. W. C.	Belleville.
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Osborne, H. S.	North Wakefield.
Pritchard, Jas.	North Wakefield.
Riddell, J. H.	Cedar Mills.
Schuyler, H. H.	Simcoe.
Sinclair, A. H.	Toronto.
Snider, E. E.	Port Hope.
Spear, D.	Cobourg.
Strangways, B. R.	Penville.
Wells, C. P.	Sarnia.
Woods, Miss E. O.	Kincardine.

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Barker, H. F.	Richmond Hill.	Lingham, Chas.	Belleville.
Bell, R. H.	Caledonia.	Marshall, S. E.	St. Catharines.
Berry, H.	Belleville.	McDonald, J. S.	Grove Mills.
Brooking, R. E.	Cobourg.	McEwen, W.	Caledonia.
Brown, J. N.	Belleville.	Olds, W. P.	Simcoe.
Campbell, C. V.	Ottawa.	Perrett, T. E.	Pembroke.
Carpenter, C. W. F. . . .	Winona.	Relyea, A. E.	Moulinette.
Carson, T. B.	Port Hope.	Robinson, J. E.	Belleville.
Conolly, W. J.	Renfrew.	Robson, J.	Vellore.
Daly, R. A.	Napanee.	Rose, R. C.	Morrisburg.
De Lany, Miss C.	Cobourg.	Rosebrugh, F. A. . . .	Hamilton.
Dingman, Miss L. M. F. .	Belleville.	Roy, Miss C. A.	Cobourg.
Dixon, S. F.	Colborne.	Sanford, E. J.	Hamilton.
Doan, W.	Port Dover.	Scott, C. T.	Petrolia.
Dorsee, E. R.	Port Hope.	Sidey, T. K.	Cobourg.
Evans, W. S.	Hamilton.	Slemmon, E. T.	Haydon.
Ferguson, L. A.	Cobourg.	Smith, W. J.	Glencoe.
Fowler, C. H.	Colborne.	Stalwood, J.	Hamilton.
Gillfillan, J.	Bowmanville.	Stevenson, E. V. . . .	London.
Gillfillan, J. J.	Bowmanville.	Taylor, A. W.	Simcoe.
Going, A. H.	Sarnia.	White, P.	Pembroke.
Hager, W. K.	Cobourg.	Williams, N.	Cobourg.
Haanel, Miss G. D. . . .	Cobourg.	Wilson, J. S. I.	Peterboro'.
Henderson, W. A.	Stanstead, Q.	Wilson Gardham. . . .	Peterboro'.
Hewson, J.	Garnet.		

SPECIALISTS.

Avison, R. N.	Sunnyside.	Mann, A. J.	Cobourg.
Bentley, W. B.	Belleville.	Manning, C. E.	Schomberg.
Booth, K. B.	Warkworth.	McMullen, W.	London.
Bowlby, C. L.	London.	Montgomery, W. I. . .	Fenella.
Brett, R. E.	Belleville.	Nelles, Miss L. F. . .	Cobourg.
Buckler, W. H.	Lakefield.	Outwater, W. S. . . .	Belleville.
Crookshanks, J. J. . . .	Millbank.	Pescott, W. E.	Aldershot.
Dumble, W.	Cobourg.	Pickard, W.	Pickering.
Earl, D.	Cobourg.	Potts, Miss H. E. F. .	Cobourg.
Ellis, W. J.	Brimston's Cors.	Puffer, I. W.	Cobourg.
Fair, H. J.	Brimston's Cors.	Roy, Miss I. H. . . .	Cobourg.
Groese, R.	Cobourg.	Shields, A.	Cobden.
Harley, E.	Harley.	Smith, J. J.	Toronto.
Hanna, Geo.	Glamorgan.	Stobbs, Miss M. . . .	Bartonville.
Hogg, Jos.	Cobourg.	Stoney, H. E. C. . . .	Hamilton.
Holmes, A. J.	Cobourg.	Sutherland, Miss A. L.	Cobourg.
Hollinshead, H. B. . . .	Cobourg.	Sykes, W.	Wooler.
Houck, D. S.	Layton.	Thompson, S. J. . . .	Drew.
Hudson, A. G.	Toronto.	Wade, H.	Port Hope.
Kennedy, Geo.	Cobourg.	Waite, W. J.	Harwood.
Libby, Miss M. F. . . .	Cobourg.	Williams, Miss L. . .	Millbrook.
Love, G. A.	Cobourg.	Winslow, J. S.	Dunnville.

FACULTY OF LAW.

UNDERGRADUATES.

<i>Name.</i>	<i>Post Office.</i>
Allen, C. H.	Kincardine.
Birks, A. K., B.A.	Guelph.
Campbell, Rev. W. F.	London.
Carson, S. W.	Belleville.
Culver, W. H., B.A.	Winnipeg.
Dixon, J. B.	Brampton.
Farrer, G. E.	Parry Sound.
Garbutt, Rev. R. J.	Hollin.
Goff, Rev. W. J.	Port Perry.
Hall, J.	Victoria, B.C.
Hincks, W. H.	St. Mary's.
Hodson, Rev. J. M., M.A.	Windsor.
Hollman, E. A., B.A.	Toronto.
Irvine, R. C.	Colborne.
Johnston, Wm., M.A.	Farmersville.
Jones, W. D.	Brantford.
Machum, E. R.	Portland, N.B.
Maxwell, D. A., B.A.	Amherstburgh.
Weir, A., B.A.	Essex Centre.
Wilson, Jos., B.A.	Mount Charles

FACULTY OF THEOLOGY.

UNDERGRADUATES.

<i>Name.</i>	<i>Post Office.</i>	<i>Name.</i>	<i>Post Office.</i>
Beynon, R. B.	Thornton.	Larmour, J.	Pembroke.
Bowles, R. P., B.A.	Barrie.	Laing, B.	Glenshee.
Brown, W. C., B.A.	Westminster.	Langford, F.	London.
Barraclaugh, W. H.	Ingersoll.	McLaughlin, J. F. .	Walters' Falls.
Coates, H. H., B.A.	Prescott.	Moore, C. I. D.	Islington.
Cobbledick, G., B.A.	Galt.	Nixon, W.	Ardrea.
Frizzell, J. W.	Walters' Falls.	Philp, W., B.A. . .	Manotic.
Irwin, A. J.	Desboro'.	Saunby, J. W., B.A.	Tokio, Japan.
Kerby, G. W.	Sarnia.	Ward, Jas., B.A. . .	Charing Cross.
Large, T. A., B.A. .	Tokio, Japan.	Wigle, H. A.	Charing Cross.

CONFERENCE STUDENTS.

Avison, R. N.	Brandon.	Hogg, J.	Bradford.
Bowlby, C. L.	Norwich.	Love, G. A.	Cobourg.
Elias, W. A.	Parry Sound.	Puffer, I. W.	Lindsay.
Grose, R.	Collingwood.	Thompson, S. J.	Peterborough.
Hanna, G.	Glamorgan.	Winslow, J. W.	Hamilton.

PREPARATORY STUDENTS.

Corrigan, R.	Inkermann.	Minna, J. E.	Consecon.
Creighton, W. B.	Nilestown.	Osborne, H. S.	N. Wakefield.
Dougall, H. S.	Hallsville.	Smith, J. J.	Toronto.
Ferguson, H. T.	Blackstock.	Stoney, H. E. C.	Hamilton.
Honey, G. E.	Mitchell.	Warren, W. R.	Lansdowne.
Marshall, S. E.	St. Catharines.		

Facu
time

MEDICAL FACULTY AT TORONTO.

Forty-three candidates entered for the Final Examinations in the Medical Faculty, and twenty-eight for the Primary, but the results were not known in time for publication.

Forty have matriculated in the Medical Faculty since Convocation of 1887.

L'ECOLE DE MEDICINE ET DE CHIRURGIE
DE MONTREAL.

STUDENTS IN MEDICINE, SESSION 1887-8.

Aubry, J. George.
Arsenault, Alfred.
Archembaault, Alonz.
Auger, Chas. Éd. L.
Bourgeau, Victor.
Bastien, Hyacinthe.
Barolet, Joseph.
Bernard Americ.
Belhumeur, Paul.
Bernier, Edmond.
Beaudry, Léonard A.
Baulne, Joseph.
Brault, Elie.
Brault, Israël.
Benoit, Ls. Raymond.
Boucher, Henri.
Boucher, Seraphin.
Béland, Joseph.
Bouvier, Stanislas A.
Brady, Chs. Ant.
Baribeault, Arthur.
Biron, Alexandre.
Biron, J. T. Rodolphe.
Blanchet, Alexis.
Blanchette, Gédéon.
Beauduin, Wilfrid.
Bazin, Adélar.
Boüillon, Alfred.
Blondeau, Thos.
Berthiaume, Denis.
Bissinnette, A.
Cypihot, L. N. F.
Charetier, J. Horace.
Couture, Theothime.
Coutu, Jos Henri.
Cayle, Henri.
Craig, George.
Chandonnet, Achille.
Chaput, H. A.
Charest, Chs.
Caron, Ls Thomas.
Chopin, Jules Aat.
Chouinard, J. B.
Charbonneau, Léonard.
Charlebois, Antoine.

Dorion, Ls.
Désy, Joseph.
Désy, Gustave.
De Grandpré, H.
Ducharme, Henri.
Dorais, Ulric Ant.
Desmarais, Jos. H.
Dandurand, J. Jules.
Dumont, Emile.
Desrosiers, Cleophas.
Dandurand, Sigefroi.
Dorion, J. B. T.
Dubeau, Quiguéran.
Dagenais, Achille.
Daigneau, Osias.
Ennis, Thomas.
Forget, Ulric.
Forest, Moise.
Fontaine, Jos. E.
Fairbault, George.
Fortier, Jos. Emile.
Fortier, Ls. Ed.
Gadoury, J. O.
Gravel, J. T. A.
Gendron, Alexandre.
Giguère, Joseph.
Girouard, J. A.
Girouard, Léonard.
Gagnier, Paul.
Girard, Chs.
Gaudette, M. H. A.
Grondin, J. M.
Guillemette, George E.
Guilbault, Chs.
Hélie, Omer.
Huet, Edmond.
Heneau, Alfred.
Hamelin, Jos. Alf.
Jasmin, Telesp.
Kearny, James E.
Kennedy, Edw.
Lajoie, Mederic.
Langis, Jos. A.
Lefevre, Michel.
Lussier, C. Arthur.
Lassalle, Theod.

Lacaille, Ubalde.
Larose, Arthur.
Larose, Gustave.
Lapierre, Henri.
Lemaire, Chs.
Lapointe, Auguste A.
Laurent, E. E.
Leblanc, Aimé.
L'Ecuyer, Theodule.
Lecavalier, Ed. A.
Lavoie, J. Florian.
Lussier, Pierre.
Lafrenière, Arsène.
Lanciaux, Henri.
Lavallée, Martial.
Laroche, Felix.
Landry, Elie.
Laforce, Ed.
Lecomte, George Ed.
Lachapelle, Omer.
Legault, William.
Leboeuf, Sylva.
Lafontaine, F. B.
Lauzon, Dr. P. O.
Larin, George Etienne.
Morel de la Durantaye, Chs. T.
Marcotte, J. Albert.
Marin, J. Aster.
Marin, J. Philibert.
Magnan, J. A.
Migneault, Arthur.
Marien, P. Amédée.
Masson, Jos. L. de G.
Molleur, Jules Cyrille.
Molleur, L. F.
Marchand, Chs. J. O.
Mayer, Louis.
McGill, Patrick G.
Mailhot, L. L.
Maynard, Aimé.
Meunier, Henri.
McKay, John.
McAvenue, Frank.
Mathieu, Joseph A.
Normandin, Ovide.

Pominville, Joseph A.
Paré, Joseph A.
Picotte, Joseph Narcisse.
Pielte, Alph.
Poitras, Jos. Od.
Pelletier, Jos. C.
Prévost, Paul Emile.
Prévost, Henri.
Prévost, Chs. Arcène.
Prévost, Chs. Auguste.
Prévost, Frs. de S.
Payment, Achille G.
Perrault, Jos. Napoleon.
Paulhus, Max Ovide.
Poupart, Joseph.
Payette, Adélard.
Pidgion, James P.
Pilon, Ed.
Pelletier, Martial.
Quevillon, Ed.
Rouiller, Jacques Ph.
Rivet, Alfred Nap.
Riberdy, Amédée.
Royal, Paul.
Roy, Hector.
Roy, Edouard.
Roch, Emélien.
Richardson, James.
Rohrer, Salier Rudolph.
Robillard, Lazare.
Roussi, Alfred.
Réné, J. Adélard.
Sirois, Alphonse.
Sirois, Félix.
Steele, John.
Serres, Félix.
Savignac, Arthur.
St. Germain, Louis.
Sylvestre, F. H.
Tremblay, Narcisse.
Tassé, George Chs.
Tassé, J. Chrysanthé.
Voisard, F. H.
Vian, Joseph.
Welch, Chs. J.

SUMMARY.

Students in Arts	172
Students in Medicine (Toronto)	250
Students in Medicine (Montreal)	182
Students in Theology	41
Students in Law	20
	665
Registered in two Faculties	31
	634

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THE LIBRARY.

Calendars of Queen's College, Trinity College, University College, McGill College, Laval University, Johns Hopkins University, University of Michigan, University of Edinburgh, and Boston University Year Book.

Debates of House of Commons and Senate. Presented by Dominion Government.

Statutes and Departmental Reports of Ontario. Presented by Government of Ontario.

Publications of Smithsonian Institute.

Report of Geological Survey.

One thousand and ninety-five volumes purchased from the library of the late Chancellor, the Rev. Dr. Nelles, have been added to the Library during the year.

THE LIBRARY

of the University of California, San Diego
 950 University Avenue
 San Diego, California 92161-0601
 (619) 594-5871
 FAX (619) 594-5872
 E-mail: library@ucsd.edu
 Web: http://www.library.ucsd.edu

College Societies.

College Societies.

THE LITERARY ASSOCIATION.

ESTABLISHED 1857.

Object: Cultivation of Literature, Science and Oratory.

SESSION 1887-8.

OFFICERS—FIRST TERM.

Rev. Prof. A. H. Reynar, M.A., Hon. President.	G. E. J. Brown, Leader of Opposition.
H. Langford, President.	E. E. Snider, Corresponding Secretary.
F. D. Boggs, Vice-President.	A. W. Donly, Recording Secretary.
F. Daly, Critic.	F. Rosebrugh, Asst. Rec. Secretary.
J. E. Connor, Assistant Critic.	A. B. Carscallan, Treasurer.
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	F. Langford, Assistant Librarian.

OFFICERS—SECOND TERM.

Rev. Prof. F. H. Wallace, M.A., B.D., Hon. President.	G. E. Honey, Leader of Opposition.
G. W. McColl, President.	J. F. Cairns, Corresponding Secretary.
E. N. Minkler, Vice-President.	G. M. Ferris, Recording Secretary.
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W. H. Schofield, Assistant Critic.	R. H. Corrigan, Treasurer.
A. B. Carscallan, Leader of Government.	H. Langford, Librarian.
	F. Langford, Assistant Librarian.

PRIZES.

Elocution. Debating. General College Song.

Regular entertainments of the Society are held the last Friday evening of each month throughout the Session, to which the public are cordially invited. At the other regular meetings, which are private, the Society resolves itself into the form of a Parliament, having all the procedure of the most accomplished Legislative Assembly.

A valuable Library of several hundred volumes, consisting of standard works on History, Biography, Travel, Science, etc., is accessible to all members of the Society. Many valuable additions of the standard works in all the above departments have been made during the last year.

All Undergraduates are eligible for membership.

J. F.
J. W.
B. R.
H. E.
G. A.
R. P.
C. I.

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THE JACKSON SOCIETY.

INSTITUTED 1874.

Object: Mutual Improvement, and Greater Efficiency in Christian Work.

OFFICERS—FIRST TERM.

J. F. McLaughlin, President.	W. H. Barraclough, Leader of Choir.
J. W. Frizzell, Vice-President.	G. Hanna, Organist.
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R. P. Bowles, B.A., Critic.	J. R. Larmour, }
C. I. D. Moore, Assistant Critic.	

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W. B. Creighton, Corresponding Secretary.	J. J. Crookshanks, Librarian.
A. H. Going, Treasurer.	C. I. D. Moore, Assistant Librarian.
J. W. Frizzell, Critic.	G. A. Love, } Leaders of Division.
	J. J. Crookshanks, }

LIBRARY.

The Society is provided with a good Library, to which valuable additions have been recently made. Contributions are thankfully received through the Dean of Theology.

MEETINGS.

Regular meetings every Friday evening in Jackson Hall. An excellent organ adds greatly to the interest of the meetings.

THE SCIENCE SOCIETY.

ORGANIZED 1888.

Object: The Advancement of Scientific Knowledge among its Members, and the Development of the Habits of Original Research, as well as Training in Extemporaneous Speaking, Elocution, etc.

OFFICERS.

A. E. Lang, President.	L. Stevenson, Asst. Rec. Secretary.
A. Thompson, Vice-President.	E. T. Slemon, Cor. Secretary.
J. E. Minns, Recording Secretary.	C. P. Wells, Treasurer.
T. E. Perette, Librarian.	

MEETINGS.

Meetings are held in the Society's rooms every Saturday night, during the College Session. The literary part of the evening's work consists of elocutionary exercises and the reading and discussion of an essay. In the discussion every member of the Society is expected to take part.

An Inaugural Address is delivered by the President each year, in Faraday Hall, and the work of the Society is closed by a Lecture delivered in the same place during Convocation Week.

Memoriam.

In Memoriam.

During the past session, the University has been called to mourn the loss of its President and Chancellor, the late Samuel Sobieski Nelles, D.D., LL.D. He died on the 17th of October, 1887. For seven and thirty years he held the place of highest honour and weightiest responsibility in the University, and it is most fitting that a memorial of his long, arduous and honourable services be made in this Calendar to be preserved in the archives of the University.

Samuel S. Nelles was the eldest son of the late William Nelles and his wife, Mary Hardy. He was born at the village of Mount Pleasant, near Brantford, Ont., on the 17th of October, 1823. Together with the vivacity and activity that usually marks a healthy boyhood, he very early manifested tastes and aptitudes that indicated a vocation to intellectual pursuits. Following these indications, his parents gave him all the opportunities of intellectual improvement within their reach. When sixteen years of age, he attended the academy at Lewiston, N.Y., the following year the academy at Fredrica, and in 1841 the Genesee Wesleyan Seminary, at Lima, N.Y. In 1842 he entered Victoria College. Since 1836 this institution was known as the Upper Canada Academy, but in 1841 it was endowed with university powers, and its name changed to Victoria College. After two years of study at Victoria, and a year of rest at the Mount Pleasant homestead, he went to the University of Middletown, Conn., where he took his Bachelor's Degree in 1846. The year after his graduation he was Master of the Academy at Newburg, Ont., and the next year he entered the ministry of the Wesleyan Methodist Church. Three years were then spent in pastoral work, one at Port Hope and two in Toronto. In 1850 he was appointed to the Presidency of Victoria College.

The condition of the College was at that time most discouraging. The fair promise and success that had attended the administration of the first President, the Rev. Egerton Ryerson, D.D., had been followed by a period of depression, and the work before the young President was to retrieve the disaster of the past as well as achieve the success of the future. It is thus described by the Rev. Dr. Burwash, in a sketch of the history of the University: "The College treasury was empty. There was absolutely no endowment. The buildings and furniture, after fifteen years of constant wear by hundreds of students, were sadly in need of repair and renewal. The able professors of other days had betaken themselves to other work, and there were scarcely thirty students (but two matriculated) to respond to his first call of college opening. To raise funds sufficient to bring the annual income up to \$5,000, to organize an efficient staff of professors, to attract and organize students once more into the relations of college life—in fact to resuscitate the college—was the work before him."

To this work he addressed himself with perfect inflexibility of purpose and equal versatility of resource and expedient. As the successes that marked his

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administration are here chronicled; it is, of course, not suggested that they were wholly due to the efforts of the late President and Chancellor. He was himself ever the first to give honour to those who were associated with him in his academic labours. At the same time, it is to be remembered that a large part of the success of a college president lies in his selection of associates, and that it is in the first years of the life of a college that personal influence tells most powerfully for weal or woe.

During the administration of the late President the material resources of the College rose from the zero, at which he began, to a point at which the revenue was some \$20,000 a year, and the assets about \$250,000. A few large and generous bequests are included in this sum, such as \$30,000 from the late Mr. and Mrs. Edward Jackson; \$25,000 from the late Dennis Moore, Esq.; and \$20,000 from the late Sheriff Patrick. But it was mainly as a tribute of gratitude and confidence and hope on the part of ministers and people of limited resources, that supplies came to the College treasury. In the planning and execution of measures for the increase of the College endowment, Dr. Nelles always took a foremost part, and it was largely through his personal endeavour that a sum of about \$35,000 was raised to endow a chair of Moral Philosophy, to be called the Ryerson Chair, in memory of the first President of Victoria University.

Of the growth of the educational resources of the University under his care, this Calendar is the best monument, with its broad and generous courses of study, its several Faculties of Arts and Science, of Medicine, Law, and Theology, its nearly 500 students, and more than 2,000 alumni. Here again may be written: "*Si monumentum queris circumspeice.*"

The management of the affairs of the College by the late Chancellor was marked by extreme caution. When the College was committed to his care such caution was necessary to save it from perishing in its weakness, and when the days of such weakness were past, there were still dangers arising from conflicting interests and prejudices, such as kept his charge in constant peril. His chief concern for many years, apart from the material resources of the College, was its relation to the system of University education, as determined by the Provincial Legislature. There were two ideals, either of which would have been welcome to him in realization. The one was, that of his own beloved University developed in wealth and strength and beauty, till, free from all ordinary vicissitudes of fortune, she could extend to the youth of our country advantages unexcelled and unequalled for the pursuit of all liberal and scientific culture—a great and free, but distinctively Christian University, untrammelled, on the one side, by the interferences of State control and politicians who would be all things to all men; or, on the other side, by the restrictions of a narrow sectarianism that would find an end of all perfection in the traditions of the fathers and what had been said by them of old time. This was the one ideal. The other was that of a group of co-ordinate University Colleges, in which all the Universities of the Province would be confederated under one great Provincial University on absolutely equal terms, each one maintaining its individuality, its traditions and methods, and entitled to gain and hold no advantage save by its own worth and works. This second ideal he at one time hoped to see realized in the recent scheme of University Federation. It was his destiny, however, to see that scheme take such a shape in its final form

that our sister Universities would not accept it, and so the bright vision was clouded over, and he passed away suddenly before the realization of his hope or of his fear.

The chair held by the late President at the time of his death was that of Moral Philosophy and the Evidences of Religion. He had also in former years lectured on Mental Philosophy and Logic. His lectures were marked by accuracy and breadth of learning, but his influence was chiefly felt in the stimulation of the powers of perception, the regulation of the judgment, and the inspiration of an honest love of the truth. In his relation to the students, as the chief executive officer of the University, he was *fatherly*, more and more so as the years advanced. Sympathy and tenderness were never wanting; but, when occasion called for it, there was unbending firmness also.

His last illness, which was of typhoid fever, was of short duration. Before any alarming symptoms had shown themselves, he seemed to realize that the end of earthly things was at hand for him. The burden of care that he had borne so bravely for seven and thirty years, was gently but completely lifted from his spirit by the Almighty and All-merciful, and the peace of God that passeth all understanding took full possession of his heart and mind. From the shadow of death he sent his "love to the boys," who were assembled at College prayers, and asked them to sing again his favourite hymn, "There is a fountain filled with blood." A few hours later he passed into the world of light and bliss, just four and sixty years to a day after he had entered this world of sin and care.

"Βλέπομεν γὰρ ἄρτι δι' ἐσόπτρον ἐν ἀνίγμاتي,
τότε δὲ πρόσωπον πρὸς πρόσωπον."

Matriculation Examination.

JULY, 1887.

ARTS AND MEDICINE.

Universities of Victoria, Queen's and Trinity.

Victoria University Matriculation.

JULY, 1887.

LATIN—Pass.

PROFESSOR FLETCHER (*Queen's*), EXAMINER.I. Cicero, *In Catilinam*, B. I., sec. 17.

Translate :

(a) Si te parentes timerent atque odissent tui nec eos ulla ratione placare posses, ut opinor, ab eorum oculis aliquo concederes : nunc te patria, quae communis est parens omnium nostrum, odit ac metuit et iam diu nihil te iudicat nisi de parricidio suo cogitare : huius tu neque auctoritatem verebere nec iudicium sequere nec vim pertimesces? Quae tecum, Catilina, sic agit et quodam modo tacita loquitur: "Nullum iam aliquot annis facinus exstitit nisi per te, nullum flagitium sine te : tibi uni multorum civium neces, tibi vexatio direptionisque sociorum impunita fuit ac libera : tu non solum ad negligendas leges et quaestiones, verum etiam ad evertendas perfringendasque valuisti.

Caesar, *Bellum Britannicum*, B. V., ch. 11.

(b) Subductis navibus castrisque egregiè munitis, easdem copias, quas antè, praesidio navibus reliquit : ipse eodem, unde redierat, proficiscitur. Eò quum venisset, majores jam undique in eum locum copiae Britannorum convenerant, summa imperii bellique administrandi communi consilio permissa Cassivelauno, cujus fines a maritimis civitatibus flumen dividit, quod appellatur Tamesis, a mari circiter millia passuum octoginta. Huic superiore tempore cum reliquis civitatibus continentia bella intercesserant : sed nostro adventu permeti Britannii hunc toti bello imperioque praefecerant.

1. Parse (a) *odissent*, *posses*, *nostrum verebere*, *sequere*, *pertimesces*, *perfringendas* ; (b) *reliquit*, *redierat*, *cujus*, *permoti*.
2. State the rule for the case of (a) *ratione*, *annis*, *uni* ; (b) *castris*, *praesidio*, *navibus*, *huic*, *tempore*, *adventu*, *bello*.
3. State the rule for the mood of (a) *timerent*, *concederes* ; (b) *venissent*.
4. Write grammatical notes on *jam*, *diu* . . . *iudicat*, *ad negligendas leges* ; and derive *parricidio*, *auctoritatem*, *facinus*, *quaestiones*.

II. Virgil, *Æneid*, B. I., 148-156.

Translate :

(a) Ac veluti magno in populo cum saepe coorta est
seditio, saevitque animis ignobile vulgus,
iamque faces et saxa volant, furor arma ministrat ;

tum pietate gravem ac meritis si forte virum quem
 conspexere, silent arrectisque auribus adstant;
 ille regit dictis animos, et pectora mulcet:
 sic cunctus pelagi cecidit fragor, aequora postquam
 prospiciens genitor caeloque invectus aperto
 flectit equos curruque volans dat lora secundo.

Æneid, B. I., 731-741.

(b) "Iuppiter, hospitibus nam te dare iura locuntur,
 hunc lætum Tyriisque diem Troiaque profectis
 esse velis, nostrosque huius meminisse minores.
 adsit lætitiæ Bacchus dator et bona Iuno;
 et vos o coetum, Tyrii, celebrate faventes.
 dixit, et in mensam laticum libavit honorem,
 primaque libato summo tenuis attigit ore;
 tum Bitiæ dedit increpitans; ille impiger hausit
 spumantem pateram, et pleno se proluit auro;
 post alii proceres. cithara crinitus Iopas
 personat aurata, docuit quem maximus Atlas.

1. Parse (a) *coorta, faces, volant, conspexere, cecidit, invectus, flectit*; (b) *profectis, lacticum, attigit, hausit, docuit*.
2. Give the derivation and original meaning of *seditio, pietate, arrectis, secundo, personat*.
3. *Troiaque profectis*. State the rule for expressing motion from and motion to a place.
4. Write notes on *Tyriis, velis, huius, faventes, tenuis, Atlas*.

LATIN GRAMMAR AND COMPOSITION.—Pass.

PROFESSOR FLETCHER (Queen's), EXAMINER.

I.

1. Give rules for the gender of nouns of the third declension.
2. Give the gen. sing. and dat. plur. of *dea, filius, liber, vir, senex, homo, urbs, vis, domus, dies*.
3. Give the degrees of *carus, atrox, parvus, similis, multus, inferus, prope, bene, male, satis*.
4. Write down the Latin for *sixteen, sixteenth, nine hundred, four times, two camps*.
5. Give the meaning of *quisque, aliquis, quidam, quivis, quisquam*.
6. Write down the
 - 3 pl. plpf. subj. act. of *vinco*.
 - 2 sing. fut. ind. of *loquor*.
 - 3 sing. pres. subj. act. of *mitto*.
 - 2 sing. pres. imperat. of *sequor*.
 - 3 plur. pf. subj. act. of *caedo*.

7. Parse and translate *iret, fletet, ferret, feriat, nolet*.

8. Write down the perfect and supine of *vivo, vincio, cado, metior, verto, emo, pendeo, parco, divido, audeo*.

II.

Translate into Latin :

- (a) I am persuaded that they will never dare to take up arms against their country.
- (b) Did he not promise to prevent them from stating their opinion?
- (c) They asked him if he was afraid that the fleet would be lost, and he answered, Yes.
- (d) Don't you think that they should have advised him not to conceal from us what he was going to do?
- (e) Shall we ask whether it is not better to die than to live dishonourably?

LATIN—Honors.

PROFESSOR BOYS (*Trinity*), EXAMINER.

I. Horace, Odes, B. I., XIV.

Translate :

O navis, referent in mare te novi
Fluctus. O quid agis? Fortiter occupa
Portum. Nonne vides, ut
Nudum remigio latus.

Et malus celeri saucius Africo
Antennaeque gemant, ac sine funibus
Vix durare carinae
Possint imperiosius

Aequor? Non tibi sunt integra lintea,
Non di, quos iterum pressa voces malo.
Quamvis Pontica pinus,
Silvae filia nobilis,

Iactes et genus et nomen inutile:
Nil pictis timidus navita puppibus
Fidit. Tu, nisi ventis
Debes ludibrium, cave.

Nuper sollicitum quae mihi taedium,
Nunc desiderium curaque non levis,
Interfusa nitentes
Vites aequora Cycladas.

Write explanatory notes on the following: *Teucer salamina patremque quum fugeret. Quid latet ut marinae filium dicunt Thetidis? Pelidae cedere nescii. Laborantes in uno Penelopen vitramque Circen. Saliaribus dapibus. Panartius. Panthoiden iterum orco demissum. Quid Tiridaten terreat securus. Centaurea Lapithis riza super mero debellata.*

II. Livy, B. XXII., ch. 34.

Translate:

C. Terentio Varroni, quem sui generis hominem, plebi insectatione principum popularibusque artibus conciliatum, ab Q. Fabi opibus et dictatorio imperio concusso aliena invidia splendentem, volgas et extrahere ad consulatum, nitebatur, patres summa ope obstabant, ne se insectando sibi aequari adsuerent homines. Q. Baebius Herennius tribunus plebis, cognatus C. Terenti, criminando non senatum modo sed etiam augures, quod dictatorem prohibuissent comitia perficere, per invidiam eorum favorem candidato suo conciliabat: ab hominibus nobilibus per multos annos bellum quaerentibus Hannibalem in Italiam adductum: ab isdem, cum debellari possit, fraude bellum trahi. cum quattuor legionibus universis pugnari posse apparuisse eo, quod M. Minucius absente Fabio prope pugnasset, duas legiones hosti ad caedem obiectas, deinde ex ipsa caede ereptas, ut pater patronusque appellaretur, qui prius vincere prohibuisset Romanos quam vinci consules deinde Fabianis artibus, cum debellare possent, bellum traxisse, id foedus inter omnes nobiles ictum, nec finem ante belli habituros, quam consulem vere plebeum, id est hominem novum, fecissent: nam plebeios nobiles iam eisdem initiatos esse sacris et continere plebem, ex quo contemni patribus desierint, coepisse. cui non apparere id actum et quaesitum esse, ut interregnum iniretur, ut in patrum potestate comitia essent? id consules ambos ad exercitum morando quaesisse; id postea, quia invitis iis dictator esset dictus comitiorum causa, expugnatum esse, ut vitiosus dictator per augures fieret. habere igitur interregnum eos; consulatum unum certe plebis Romanae esse, et populum liberum habiturum ac daturum ei, qui mature vincere quam diu imperare malit.

1. Explain the terms *obnuntiare*, *interrex*, *vicio creari*, *lectisternium*, Latinum nomen, *supplicatio*, *decemviri*.
2. Write geographical notes on *Beneventum*, *Vulturnus*, *Sinussa*, *Geronium*, *Canusium*, *Lilybaeum*.
3. Write a short critique of Livy as a historian, and mention his most illustrious literary contemporaries.

III. Livy, B. VIII., ch. 22.

Translate at sight:

Palaeopolis fuit haud procul inde, ubi nunc Neapolis sita est. duabus urbibus populus idem habitabat. a Cumis erant oriundi; Cumani Chalcide Euboica originem trahunt. classe, qua advecti ab domo fuerant, multum in ora maris eius, quod accolunt, potuere, primo in insulas Aenariam et Pithecusas egressi, deinde in continentem ausi sedes transferre. haec civitas cum suis viribus tum Samnitium infida adversus Romanos societate freta sive pestilentia, quae Romanam urbem adorta nuntiabatur, fidens, multa hostilia adversus Romanos agrum Campanum Falernumque incolentes fecit. igitur consulibus Palaeopolim ad res repetendas missis, cum relatum esset a Graecis, gente lingua magis strenua quam factis, ferox responsum, ex auctoritate patrum populus Palaeopolitanis bellum fieri iussit.

LATIN AND GREEK GRAMMAR—HONORS.

PROFESSOR BOYS (*Trinity*), EXAMINER.

1. Give a list of Latin concessive conjunctions, marking those that require the subjunctive mood.
2. Give the significations of derivative nouns ending in *culus*, *iades*, *artum*, *itas*, *crum*.
3. State the various relations of one action to another that may be expressed by the Latin participle.
4. State the nature and construction of the gerund and gerundive.
5. Give the commonest forms of the conditional sentence in Latin.
6. Give the meanings of *ἐπὶ* with dat.; *πρός* with genit.; *παρά* with accusat.
7. State the uses of the Greek dative case, giving the equivalents for those that are expressed by some other case in Latin.
8. Give rules with regard to the attraction of the relative.
9. Give rules for moods in dependent clauses of oratio obliqua in Greek.
10. State the constructions of *ὥστε*, *πρίν μὴ οὐ*, and the distinction between *οὐ βούλομαι οὐδένα ὄραν* and *οὐ βούλομαι μηδένα ὄραν*.

LATIN AND GREEK COMPOSITION—HONORS.

PROFESSOR FLETCHER (*Queen's*), EXAMINER.

I.

Translate into Latin.

- (a) I do not wish the interests of so wicked a man as this to be consulted by any one.
- (b) If he had won the crown, he would have put all the good men in the country to the sword.
- (c) Born at Rome, he lived for sixty years at Corinth, and then, in his old age, went to the beautiful city of Marseilles in France, where he died.
- (d) When he had captured their stronghold, feeling that it was of the utmost consequence to all that the king should be apprised of the fact, he sent three horsemen to him with news of the capture.
- (e) He denied that there was any need of haste in the accomplishment of their plans. The enemy (he said) was more than three days' march away. Let them therefore make their intended preparations with calmness and go forth without hesitation to meet him in the field.

II.

Translate into Greek:

- (a) He thought that he should arrive at Athens within three days.
- (b) Let us ask him how many of the enemy were killed in that battle.
- (c) They knew that they had lost (*ἀπὸ ἁλλήλων*) many more ships and men than we.

(d) He would have been afraid that all the cities in the country would have been destroyed.

(e) Do not fancy that he has risen (*χωρέω*) to such a height of power in one day.

GREEK—Pass.

PROFESSOR BOYS (*Trinity*), EXAMINER.I. Xenophon, *Anab.*, B. I., Ch. V., §§ 8, 9.

Translate:

Ἐπεὶ δ' ἐδόκουν αὐτῷ σχολαίως ποιεῖν, ὥσπερ ἡγρή ἐκέλευσε τοὺς περὶ αὐτὸν Πέρσας τοὺς κρατίστους συνεπισπεῦσαι τὰς ἀμάξας. ἔνθα δὲ μέρος τι τῆς εὐταξίας ἦν θεάσασθαι. ῥίψαντες γὰρ τοὺς πορφυροῦς κἀνόνας ὅπου ἐτυχεν ἕκαστος ἐστηκώς, ἵεντο ὥσπερ ἀνδράμι τις περὶ νίκης καὶ μάλα κατὰ πρᾶνοις γηλόφου, ἔχοντες τουτοῖς τε τοὺς πολυτελεῖς χιτῶνας καὶ τὰς ποικίλας ἀναξυρίδας, ἐνιοὶ δὲ καὶ στρεπτοὺς περὶ τοῖς τραχήλοισι καὶ ψέλια περὶ ταῖς χερσίν· εὐθὺς δὲ σὺν τούτοις εἰσπηρόσαντες εἰς τὸν πηλὸν θάττον ἢ ὥς τις ἀν' ὤφει μετεώρους ἐξεκόμισαν τὰς ἀμάξας. τὸ δὲ σίμπαν ὅλος ἦν Κύρος ὡς σπεύδων πᾶσαν τὴν ὁδὸν καὶ οὐ διατρίβων ὅπου μὴ ἐπισαιτισμῷ ἐνεκα ἡ-
τινος ἄλλου ἀναγκαῖον ἐκαθέζετο, νομίζων, ὅσῳ μὲν θάττον ἔλθοι, τοσούτῳ ἀπαρασκενο-
τέρῳ βασιλεὶ μαχεῖσθαι, ὅσῳ δὲ σχολαίτερον, τοσούτῳ πλέον συναγείρεσθαι βασιλεὶ στρατεύμα. καὶ συνιδεῖν δ' ἦν τῷ προσέχοντι τὸν νοῖν ἡ βασιλείῳς ἀρχὴ πλήθει μὲν χώρας καὶ ἀνθρώπων ἰσχυρὰ οὖσα, τοῖς δὲ μήκεσι τῶν ὁδῶν καὶ τῷ διεσπᾶσθαι τὰς δυνάμεις ἀσθενής, εἰ τις διὰ ταχέων τὸν πόλεμον ποιοίτο.

1. Parse συνεπισπεῦσαι, θεάσασθαι, δράμοι, ἐξεκόμισαν, εἰσπηρόσαντες, διεσπᾶσθαι.

2. Ὅργῃ, εὐταξίας, πᾶσαν τὴν ὁδὸν, πλήθει. Give rules for the cases of these words and of the marked words in the following expressions: * Ἀψινθίου πλήρες. Τῶν * ἄλλων πλέον. Ἐξελαίνει * σταθμοὺς πέντε. Οὐδὲ * τοῦτον στερήσονται. Ποταμὸς * εὐροῖς * πλήθρον.

3. State what parts the following are of the several verbs: λύνων, λύθητε, ἐλίσσασθε, ἐδώκαμεν, ἦσθα, ἴσαντο, ἔσονται, θήσετε.

4. Parse γέροντος, λάμπας, φύλακας, εὐδαιμονέστερον, οὐσί, γένους, ἔρωτι.

II. Homer, *Iliad*, B. VI., 242-262.

Translate:

Ἄλλ' ὅτε δὲ Πριάμοιο δόμον περικαλλέϊ ικανεν,
ξεσθῆς αἰθούσῃσι τετυγμένον—αὐτὰρ ἐν αὐτῷ
πεντήκοντ' ἔνεσαν θάλαμοι ξεστοιο λίθοιο,
πλησίοι ἀλλήλων δεδημημένοι· ἔνθα δὲ παῖδες
κοιμῶντο Πριάμοιο παρὰ μνηστῆς ἀλόχοισιν.
κουράων δ' ἑτέρωθεν ἐναντίοι ἐνδοθεν αἰλῆς
δώδεκ' ἔσαν τέγχοι θάλαμοι ξεστοιο λίθοιο,
πλησίοι ἀλλήλων δεδημημένοι· ἔνθα δὲ γαμβροὶ
κοιμῶντο Πριάμοιο παρ' αἰδοῖς ἀλόχοισιν.
ἔνθα οἱ ἠπιώδωρος ἐναντίῃ ἦλυνθε μήτηρ
Λαοδίκην ἐσάγουσα, θυγατρῶν εἶδος ἀρίστην
ἐν τ' ἄρα οἱ φῶ χειρὶ ἔπος τ' ἔφατ' ἐκ τ' ὀνόμαζεν.

„Τέκνον, τίπτε λιπὼν πόλεμον θρασὺν εἰλήλουθας;
 ἢ μάλα δὴ τείρουσι δυσώνυμοι νῆες Ἀχαιῶν
 μαρναμένοι περὶ ἄστυ· σὲ δ' ἐνθάδε θυμὸς ἀνήκεν
 ἰλθόντ' ἐξ ἄκρης πόλεως Διὶ χειρὰς ἀνασχεῖν.
 ἀλλὰ μὲν, ὄφρα κέ τοι μεληθεῖα οἶνον ἐνεῖκα,
 ὥς σπείσῃς Διὶ πατρὶ καὶ ἄλλοις ἀθανάτοισιν
 πρῶτον, ἔπειτα δέ κ' αὐτὸς ὀνήσῃαι, αἰ κε πύρσθῃαι.
 ἀνδρὶ δὲ κεκμηῶτι μένος μέγα οἶνος ἄζει,
 ὥς τὴν κέκμηκας ἀμύνων σοῖσιν ἔτῃσιν.“

1. Give Attic forms for αἰδοῖσθαι, λιθοῖο. ἀλοχοῖσι, ἡλυθε, εἰλήλουθας, ὀνήσῃαι.
2. Derive ἀλοχός, θρασύς, ἄστυ.
3. Translate the expressions: Ἄλτο χαμάς. Κάκ' ἐμήσατο θυμῷ. Ἐρχο σὺν θυέσσῃν. Βοῦς ἦις ἡκέστας ἱερέσομεν. Σεβάσατο γὰρ τόγε θυμῷ.

GREEK—Honors.

PROFESSOR FLETCHER (Queen's), EXAMINER.

Translate:

I. Demosthenes, Olynthiac II., §§ 22-24.

Εἰ δέ τις ἡμῶν, ὦ ἄνδρες Ἀθηναῖοι, τὸν Φίλιππον εὐτυχοῦντα ὁρῶν ταύτη φοβερὸν προσπολεμῆσαι νομίζει, σῶφρονος μὲν ἀνθρώπου λογισμῷ χρῆται· μεγάλη γὰρ ῥοπή, μᾶλλον δὲ ὅλον ἡ τύχη παρὰ πάντ' ἐστὶ τὰ τῶν ἀνθρώπων πράγματα· οὐ μὴν ἄλλ' ἐγωγε, εἰ τις αἰρεῖται μοι δοῖν, τὴν τῆς ἡμετέρας πόλεως τύχην ἂν ἐλοίμην, ἐθελόντων ἂν προσήκει ποιῶν ἡμῶν αὐτῶν καὶ κατὰ μικρὸν, ἢ τὴν ἐκείνου· πολλὰ γὰρ πλείους ἀφορμὰς εἰς τὸ τὴν παρὰ τῶν θεῶν εὐνοῖαν ἔχειν ὁρῶ ἡμῖν ἐνοῦσας ἢ 'κείνῃ. ἄλλ', οἶμαι, καθήμεθα οὐδὲν ποιοῦντες· οὐκ ἐνὶ δ' αὐτὸν ἀργοῦντα οὐδὲ τοῖς φίλοις ἐπιτάττειν ὑπὲρ αὐτοῦ τι ποιεῖν, μή τί γε δὴ τοῖς θεοῖς. οὐ δὴ θανυμαστόν ἐστιν, εἰ στρατευόμενος καὶ ποιῶν ἐκείνος αὐτὸς καὶ παρὼν ἐφ' ἅπασι καὶ μηδένα καιρὸν μηδ' ὥραν παραλείπων ἡμῶν μελλόντων καὶ ψυφισιζομένων καὶ πυνθανομένων περιγίγνεται. οὐδὲ θανυμάζω τοῦτ' ἐγώ· τοῖναντίον γὰρ ἂν ἦν θανυμαστόν, εἰ μηδὲν ποιοῦντες ἡμεῖς ὦν τοῖς πολεμοῦσι προσήκει τοῦ πάντα ποιούντος ἂν δεῖ περιεῖμεν.

1. Parse δοίη, ἐλοίμην, πλείους, καθήμεθα, ἐνι, περιεῖμεν.
2. Explain the syntax of προσπολεμῆσαι, δοίη, ἡμῶν αὐτῶν, ἔχειν, ἐνοῦσας, ἦν, ὦν.
3. Μηδὲν ποιοῦντες. Why μηδὲν? Illustrate briefly the chief uses of μή.
4. Sketch the career of Philip of Macedon down to the date of the second Olynthiac.

II. Homer, Iliad, B. XXII., 344-364.

Translate:

Τὸν δ' ἄρ' ὑπὸ δρᾶ ἰδὼν προσέφη πόδας ὠκὺς
 Ἀχιλλεύς
 „μή με, κῖον, γοῖνων γονάζεο μηδὲ τοκήων·

αἱ γὰρ πῶς αὐτὸν με μένος καὶ θυμὸς ἀνείη
 ὦμ' ἀποταμνόμενον κρῖν ἰδμεναι, οἳ μ' ἔοργας·
 ὃς οὐκ ἔσθ' ὃς σῆς γε κίνας κεφαλῆς ἀπαλάλκοι,
 οὐδ' εἰ κεν δεκάκις τε καὶ εἰκοσινήριτ' ἀποιναι
 στήσωσ' ἐνθάδ' ἄγοντες, ὑπόσχονται δὲ καὶ ἄλλ' α'
 οὐδ' εἰ κεν σ' αὐτὸν χρεῖψ' ἐρίσασθαι ἀνῶγοι
 Δαρδανίδης Πρίαμος· οὐδ' ὥς σῆς πότνια μήτηρ,
 ἐνθεμένη λεχέσσει γοῖσεται, ὃν τέκεν αὐτῇ,
 ἀλλὰ κίνες τε καὶ οἰωνοὶ κατὰ πάντα δάσονται."

Τὸν δὲ κατανήσκων προσέφη κορυθαίολος Ἔκτωρ
 „ἦ σ' εὖ γινώσκων προτίσσομαι, οὐδ' ἂρ' ἐμελλον
 πείσειν· ἡ γὰρ σοῦγε σιδήρεος ἐν φρεσὶ θυμὸς.
 φράζεο νῦν μὴ τοί τι θεῶν μῆνιμα γένομαι,
 ἥματι τῷ ὅτε κέν σε Πάρις καὶ Φοῖβος Ἀπόλλων
 ἐσθλὸν ἔδοντ' ὀλέσωσιν ἐνὶ Σκαίῳσι πύλῃσιν."

Ὡς ἄρα μιν εἰπόντα τέλος θανάτῳ κάλυψεν,
 ψυχὴ δ' ἐκ ῥεθέων πταμένη Ἀϊδόσδε βεβήκει,
 ὃν πότμον γόωσα, λιποῖσ' ἀροτῆτα καὶ ἡβηην.

1. Parse *ἀνείη*, *ἰδμεναι*, *ἔοργας*, *ὑπόσχονται*, *ἀνῶγοι*, *τέκεν*, *δάσονται*, *πταμένη*.
2. Explain the syntax of *γόνων*, *ἀνείη*, *ἀπαλάλκοι*, *στήσωσ'*, *ἀνῶγοι*, *λεχέσει*, *πείσειν*, *ἥματι*, and compare it in each case with the Attic idiom.
3. Give Attic Greek for *τοκῆν*, *κεν*, *φράζεο*, *ἔδοντ'*, *πύλῃσιν*, *ὃν*.
4. Derive *ὑπόδρα*, *εἰκοσινήριτ'*, *κορυθαίολος*, *μῆνιμα*, and explain Ἀϊδόσδε.

III. Xenophon, Anab., B. III., Ch. 4., §§ 35, 6.

Translate at sight:

Ἐκ τοῖτον λέγει τάδε Ξενοφών. Ἀλλὰ ταῦτα μὲν δὴ πάντες ἐπιστάμεθα ὅτι βασιλεὺς καὶ Τισσαφέρνης οὗς μὲν ἐδυνήθησαν συνελήφρασι ἡμῶν, τοῖς δ' ἄλλοις δῆλον ὅτι ἐπιβουλεύουσιν, ὥς ἡν δίνονται ἀπολέσωσιν. ἡμῖν δὲ γε οἶμαι πάντα ποιητέα ὥς μήποτε ἐπὶ τοῖς βαρβάροις γενόμεθα, ἀλλὰ μάλλον ἐκείνοι ἐφ' ἡμῖν. εὖ τοῖνυν ἐπίστασθε ὅτι ἡμεῖς τοσούτοι ὄντες ὅσοι νῦν συνεληλύθατε μέγιστον ἔχετε καιρόν. οἱ γὰρ στρατιῶται οὗτοι πάντες πρὸς ὑμᾶς βλέπονσι, κἂν μὲν ὑμᾶς ὀρώσιν ἀθυμοῦντας, πάντες κακοὶ ἔσονται, ἡν δὲ ὑμεῖς αὐτοὶ τε παρασκευαζόμενοι φανεροὶ ἦτε ἐπὶ τοῖς πολέμοις καὶ τοὺς ἄλλους παρακαλεῖτε, εὖ ἴστε ὅτι ἐφύονται ὑμῖν καὶ περάσσονται μμεισθᾶν.

MATHEMATICS—Pass.

PROFESSOR A. R. BAIN (Victoria), EXAMINER.

1. Find the value of $\frac{x+y-1}{x-y+1}$ when $x = \frac{a+1}{ab+1}$ and $y = \frac{ab+a}{ab+1}$.
2. Find the L. C. M. of $6x^2 - 11x^2y + 2y^3$ and $9x^3 - 22xy^2 - 8y^3$.

3. Find x , y and z in each of the following examples of simultaneous equations:

$$(\alpha) \quad \frac{1}{x} + \frac{1}{y} - \frac{1}{z} = a,$$

$$\frac{1}{x} - \frac{1}{y} + \frac{1}{z} = b,$$

$$\frac{1}{y} + \frac{1}{z} - \frac{1}{x} = c.$$

$$(\beta) \quad \frac{2x-y}{3} = \frac{3y+2z}{4} = \frac{x-y-z}{5} = 4.$$

4. A man rows down a stream 20 miles and back again in 10 hours. He finds he can row 2 miles against the stream in the same time he can row 3 miles with it. Find the time of his rowing down and of his rowing up the stream, and also the rate of the stream.

5. Given $\begin{cases} x^2 + y^2 = 7 + xy, \\ x^3 + y^3 = 6xy - 1, \end{cases}$ find x and y .

6. The fore wheel of a carriage turns in a mile 132 times more than the hind wheel; but if the circumferences were each increased by 2 feet it would turn only 88 times more. Find the circumference of each.

7. A sum of money was lent at 25 per cent. per annum. Six years' interest was paid and the capital was lost. As a question of simple interest how much did it pay?

8. The population of a country in 1870 was 2,943,578; in 1880, 3,408,766. What will it likely be in 1900?

9. A man bought a 4 per cent. stock at 75, and afterwards sold at 95. He found he had made $7\frac{1}{2}$ per cent. per annum. How long did he hold the stock?

10. ABC is an equilateral triangle, and AD is perpendicular to BC . Show that the square on AD is equal to three times the square on BD .

11. A triangle whose base is one of the non-parallel sides of a trapezium and vertex, the middle point of the opposite side is equal to half the trapezium.

12. If a straight line touch a circle, and from the point of contact a straight line be drawn cutting the circle, the angles which this line makes with the line touching the circle shall be equal to the angles which are in the alternate segments of the circle.

EUCLID—Honors.

PROFESSOR DUPUIS (*Queen's*), EXAMINER.

1. Any two sides of a triangle are together greater than the third. (Euc. I. 20.)

From any point on the internal bisector of the vertical angle of a scalene triangle lines are drawn to the extremities of the base. Prove that the difference between these lines is less than the difference between the sides of the triangle.

2. The square upon a side of a triangle opposite an acute angle is less than the sum of the squares on the other two sides by twice the rectangle under one of these sides and the projection of the other upon it. (Euc. II. 13.)

$ABCD$ is a quadrilateral whereof the sides AD and BC are parallel. Show that $AC^2 + BD^2 = AB^2 + CD^2 + 2AD \cdot BC$.

3. The angle in a semicircle is a right angle. (Euc. III. 31 in part.) State the converse of this.

The three circles having the three sides of a triangle as diameters have all their intersections lying on the sides of the triangle.

4. Inscribe a circle in a given triangle. (Euc. IV. 4.)

Show how to construct three other circles which shall each touch the three sides of the triangle.

5. State all the cases under which two triangles are similar. Under what conditions are rectilinear figures, which are not triangles, similar?

6. A line parallel to the base of a triangle divides the sides proportionally, and *conversely*. (Euc. VI. 2.)

Divide a given line into segments which shall be to one another as $1 : \sqrt{2}$.

7. The sides about the equal angles of equiangular triangles are proportional, the homologous sides being opposite the equal angles. (Euc. VI. 4.)

The triangle ABC has each of the angles at A and C double the angle at B , and AD is drawn bisecting the angle at A and cutting BC in D . Show that $BD^2 = BC \cdot DC$.

ALGEBRA—Honors.

PROFESSOR DUPUIS (*Queen's*), EXAMINER.

1. Show that $(\Sigma a)^4 + \Sigma a^4 - \Sigma(a+b)^4 = 12abc\Sigma a$, the three letters a, b, c being involved.

2. By division, expand the fraction $\frac{1+x}{1-x}$ into a series in ascending powers of x .

If $y = (1-z) + (1-z)^2 + (1-z)^3 + \dots$ and $z = 1 + x + x^2 + x^3 + \dots$, express y in terms of x .

3. Put into linear factors in x ,

$$(a) a(b^3 - c^3) + b(c^3 - a^3) + c(a^3 - b^3);$$

$$(b) a^2b^2 - \frac{1}{4}(a^2 + b^2 - c^2)^2;$$

$$(c) x^4 - 3x^2 + 1.$$

4. If α, β be the roots of the quadratic $px^2 + qx + r = 0$, show that $\alpha + \beta = -\frac{q}{p}$, and $\alpha\beta = \frac{r}{p}$; thence show that the roots of $rx^2 + qx + p = 0$ are $\frac{1}{\alpha}$ and $\frac{1}{\beta}$.

If $(x-1)(x-w)(x-w^2) = x^3 - 1$, find the values of w and w^2 .

5. Prove that a surd cannot be the sum of two other surds unless they are all reducible to the same surd factor.

Extract the square root of $8 + 2\sqrt{15}$.

6. Show that the effect of adding the same quantity to both terms of a ratio is to bring the value of the ratio nearer to unity.

If the ratio of $a-1$ to $b-1$ is α , and of $a+1$ to $b+1$ is β , find the ratio of a to b .

7. Establish the formula $s = \frac{1}{2}n\{2a + (n-1)d\}$ for the sum of an arithmetical progression.

Twenty annual payments of \$100 each are made into a bank. Find the accumulated sum at the time of the last payment, money being reckoned at 6 per cent. simple interest.

8. A cubic block of lead has its weight varying as the cube of its edge. When the edge is 2 the weight is 12. Express the consequent relation between the weight and the surface.

9. In the following equations,

$$(a) \frac{1-ax}{1+ax} \cdot \sqrt{\frac{1+bx}{1-bx}} = 1, \text{ determine } x.$$

$$(b) x + y = xy = x^2 - y^2, \text{ determine } x \text{ and } y.$$

$$(c) \begin{cases} x = r \cos \theta, \\ y = r \sin \theta, \\ r = a \cos \theta, \end{cases} \text{ eliminate } \theta \text{ and } r \text{ and find an equation connecting } x, y \text{ and } a.$$

TRIGONOMETRY—Honors.

PROFESSOR A. R. BAIN (Victoria), EXAMINER.

1. If the angle at the centre of a circle which is subtended by the side of a regular octagon be taken as the unit of measure, by what number is that angle represented whose circular measure is $\frac{22}{7}$ or π ?

2. If the minute-hand of a clock is 2 feet 11 inches in length, and if $\pi = \frac{22}{7}$, how far will the point of the hand move in 12 minutes?

3. Find θ in each of the following equations:

$$(\alpha) \quad 2 \tan^2 \theta + \sec^2 \theta = 2.$$

$$(\beta) \quad \sin \theta \cos \theta + \sin^2 \theta = \frac{1 + \sqrt{3}}{4}.$$

4. The $\cot \varphi = 1 + \sqrt{2}$; find all the other functions of φ , supposing φ to be in the third quadrant.

5. Prove the following quantities:

$$(a) \quad \frac{\cos(\alpha + \beta + \gamma)}{\cos \alpha \cos \beta \cos \gamma} = 1 - \tan \alpha \tan \beta - \tan \beta \tan \gamma - \tan \alpha \tan \gamma.$$

$$(b) \quad \frac{\sin x + \sin 3x + \sin 5x}{\cos x + \cos 3x + \cos 5x} = \tan 3x.$$

$$(c) \quad 1 + \tan x \tan \frac{1}{2}x = \sec x.$$

6. Show that $\tan^{-1} \frac{1}{7} + 2 \tan^{-1} \frac{1}{3} = 45^\circ$.

7. Prove that in any triangle $\cos A = \frac{b^2 + c^2 - a^2}{2bc}$, and then find the formula which gives the value of $\tan \frac{1}{2}A$ in terms of the sides.

8. In a given triangle $A = 30^\circ$, $B = 60^\circ$ and $C = 90^\circ$, and the perpendicular from C upon $c = q$. Show that the area of the triangle $= \frac{2q^2}{\sqrt{3}}$.

9. The angle of elevation of a tower is observed. At a point a feet nearer, the elevation is the complement of the former; b feet nearer still, it is double the first elevation. Show that the height of the tower is $\sqrt{(a+b)^2 - \frac{a^2}{4}}$.

10. If the angles A, B, C of the triangle ABC be as 2, 3, 4 respectively, then $2 \cos \frac{A}{2} = \frac{a+c}{b}$.

PROBLEMS—Honors.

PROFESSOR DUPUIS (*Queen's*), EXAMINER.

1. If two numbers be each the sum of two squares, the product of the numbers is the sum of two squares.

2. Find the form of a rectangular field of a given area so that the cost of fencing three sides of it may be the least possible.

3. A boat which can make 10 miles an hour in still water steers at half a right angle up a stream which flows at the rate of 4 miles an hour. Find the real velocity of the boat, and the angle between its direction and that of the stream.

4. A circle is inscribed in an equilateral triangle; a second circle is inscribed to touch the first and two sides of the triangle; a third circle to touch the second and the same two sides, and so on indefinitely. Compare the limit of the sum of the areas of all these circles with that of the circle having the side of the triangle as diameter.

5. If AA_1 , BB_1 be the diagonals of a rectangle, O their point of intersection, and P any point whatever; then

$$PA^2 + PB^2 + PA_1^2 + PB_1^2 = 4PO^2 + AA_1^2.$$

6. Two chords are drawn in a circle. Find a point upon the circle from which perpendiculars upon these chords are proportional to the lengths of the chords.

7. If a , b are the sides of a parallelogram and θ the angle between them, one diagonal is double the other when $\cos \theta = \frac{3}{10} \left(\frac{a}{b} + \frac{b}{a} \right)$.

ENGLISH GRAMMAR AND COMPOSITION.—Pass.

PROFESSOR FERGUSON (*Queen's*), EXAMINER.

1. Point out and explain any peculiarities in the following sentences, and correct any errors:

This convention *was* really the two Houses of Parliament.—*Blackstone*.

His pavilion round about him *were* dark waters and thick clouds of the skies.—*Psalm* xviii. 11.

Every limb and feature *appears* with its appropriate grace.

Now *abideth* faith, hope, charity; these three.—1 Cor. xiii. 13.

Thine *is* the kingdom, and the power, and the glory.—*Matt.* iv. 13.

Blessed *is* the *people* that *know* the joyful sound; *they* shall walk, O Lord, in the light of thy countenance.—*Psalm* lxxiv. 15.

While the *extremest* parts of the earth were meditating a submission.—
Atterbury's Sermons, I. 4.

In such a time as this it is not meet
 That every nice offence should bear *his* comment.

—*Julius Caesar*, IV. 2.

Which none may hear but she and thou.—*Coleridge*.

To-day I lay the book upon the table while I lie down upon the sofa, but
 yesterday while I lay down upon the sofa I laid the book upon the shelf.

I called on him and wished to have submitted my manuscript to him.—
Goldsmith.

I had not the pleasure of hearing his sentiments when I wrote the letter.—
Lowth.

Ye will not come unto me that ye might have life.

Some, who the depths of eloquence have found,
 In that unnavigable stream were drowned.

—*Dryden*, "Juvenal," Sat. X.

And passing rich with forty pounds a year.

Goldsmith, "Deserted Village."

2. Write an essay on one of the following subjects:

- (a) "The three northern courts had formed a confederacy for making
 England resign her naval rights."—*Southey*. (The essay must
 narrate the circumstances which brought about this confeder-
 acy and its results.)

- (b) The more immediate events which led to the battle of Trafalgar.

ENGLISH LITERATURE.—*Pass.*

PROFESSOR FERGUSON (*Queen's*); EXAMINER.

1. Analyse the sentences in the following passages:

The fall of kings,
 The rage of nations, and the crush of states,
 Move not the Man, who, from the world escap'd,
 In still retreats, and flowery solitudes,
 To Nature's voice attends, from month to month,
 And day to day, thro' the revolving year;
 Admiring, sees her in her every shape;
 Feels all her sweet emotions at his heart;
 Takes what she liberal gives, nor thinks of more.
 He, when young Spring protrudes the bursting gems,
 Marks the first bud, and sucks the healthful gale
 Into his freshened soul; her genial hours
 He full enjoys; and not a beauty blows,
 And not an opening blossom breathes in vain.

In Summer he, beneath the living shade,
 Such as o'er *frigid Tempe* wont to wave,
 Or *Hemus cool*, reads what the Muse, of these
 Perhaps, has, in immortal numbers sung;
 Or what she dictates, writes: and, *oft an eye*
Shot round, rejoices in the *vigorous year*,

When Autumn's yellow lustre gilds the world,
 And tempts the *sickled* *main* into the field,
 Seiz'd by the general joy, his heart distends
 With gentle *throes*; and thro' the *tepid gleams*
 Deep musing, then he best exerts his song.
 Even Winter wild to him is full of bliss,
 The mighty tempest, and the hoary waste,
Abrupt, and deep, *stretch'd* o'er the buried earth,
Awake to solemn thought. At night the skies,
 Disclos'd and kindled by refining frost,
 Pour every lustre on th' exalted eye,
 A friend, a book, the stealing hours secure,
 And mark them down for wisdom.

—*Thomson's Seasons*, "Autumn," ll. 1302-32.

2. Parse the words in italics and give their derivations.
3. Why "*frigid Tempe*," "*Hemus cool*," "*Tepid gleams*," "*Hoary waste*,
abrupt and *deep*," "*Buried earth*," "The skies, *disclos'd* and *kindled*?"
4. Mention, and, if possible, quote, a passage from any other author expressing the idea presented in the first lines of this passage.
5. Explain the following passages:

Now when the cheerless empire of the sky
 To Capricorn the Centaur Archer yields,
 And fierce Aquarius stains th' inverted year.

"Winter," ll. 41-44.

The fair Corinthian boast,
 Timoleon, happy temper! mild and firm,
 Who wept the Brother while the Tyrant bled.

ll. 473-75.

Wide o'er the spacious regions of the north,
 That see Boötes urge his tardy wain,
 A boisterous race, by frosty Caurus pierc'd
 Who little pleasure know, and fear no pain.
 Prolific swarm.

ll. 834-38.

In that glad season, from the lakes and floods,
 Where pure Niemi's fairy mountains rise,
 And fringed with roses Tenglio rolls his stream,
 They draw the copious fry.

ll. 874-77.

Still pressing on, beyond Tornéa's lake,
 And Hecla flaming thro' a waste of snow.

ll. 887-88.

6. To whom is Thomson indebted for the expressions "frigid Tempe," "Hemus cool," and "Aquarius stains the inverted year"?

7. Explain "Niemi's fairy mountains," "Tengio fringed with roses," "Hecla flaming." Where are these places? Where is Tornea?

ENGLISH—Honors.

PROFESSOR FERGUSON (*Queen's*), EXAMINER.

1. What is the position of the Merchant of Venice in the usual classification of Shakespeare's Dramas?

2. Where, besides in the Merchant of Venice, is the tale of the caskets found, and where the incident of the pound of flesh?

3. Give the meaning of the following passages, and explain the allusions

And her sunny locks

Hang on her temples like a golden fleece;
Which makes her seat of Belmont Colchos' strand,
And many Jasons come in quest of her.

If Hercules and Lichas play at dice
Which is the better man, the greater throw
May turn by fortune from the weaker hand;
So is Alcides beaten by his page.

My father, who being more than sand-blind, high-
gravel blind, knows me not.

Adieu! tears exhibit my tongue.

Therefore, thou gaudy gold,
Hard food for Midas, I will none of thee.

Now he goes

With no less presence, but with much more love
Than young Alcides, when he did redeem
The virgin tribute paid by howling Troy
To the sea-monster.

A Daniel come to judgment!

Peace, ho! the moon sleeps with Endymion
And would not be awaked.

4. Quote Portia's words to Bassanio beginning:

You see me, Lord Bassanio, where I stand,
Such as I am, etc.

5. Write a short criticism of the character of Shylock.

HISTORY AND GEOGRAPHY—Pass.

REV. PROFESSOR REYNAR (*Victoria*), EXAMINER.

1. Relate briefly the conquest of Canada by Wolfe. Give date. What were the terms of surrender of the French?
2. What important development in our parliamentary government was made in the time of William III?
3. Write an account of the Battle of the Boyne and of the Massacre of Glencoe.
4. Sketch the career of the second Pitt.
5. Tell the story of the subjugation of Greece by Rome, and note the effect on Rome of her contact with Greece.
6. Contrast the spirit and institutions of Sparta with those of Athens.
7. Describe briefly the character and deeds of Pericles.
8. Give the situation of the following places and say for what they are famous:—Aegospotami, Leuctra, Cumæ, Actium, and Capua.
9. Give the boundaries and chief cities of Alsace and Lorraine, Bulgaria, Belgium and Denmark.
10. Describe the course of a journey by water from Toronto to Chicago and write notes on some five places of chief interest that would be passed on the journey.

HISTORY AND GEOGRAPHY—Honors.

REV. PROFESSOR REYNAR (*Victoria*), EXAMINER.

1. Give an account of the principles, numbers, and fortunes of the U. E. Loyalists.
2. Sketch the history of the establishment of British rule in India. Give dates and important names.
3. Compare the characters and administrations of Sir Robert Walpole and "the great commoner."
4. Explain the historical significance of the following names:—Hampden, Sacheverell, Wilkes, Junius, Adam Smith.
5. What led to the formation of the second *triumvirate* in ancient Rome? Record the fate of its members.
6. Describe the condition of the empire, political, industrial, and moral, under Augustus. Give the names of the leading writers of his age.
7. When was the golden age of Grecian art and literature? Give its great names and say for what each name is famous.
8. Make an outline map of the *Mare Hadriaticum*, and mark in proper place Brundisium, the Rubicon, Epidaurus, Cannæ, Dyrrhachium, and Aquileia.
9. Make an outline map of Australia, showing boundaries, names, and capitals of the various colonies.
10. Give the dimensions of the great lakes of Canada, with name, location, and population of the largest Canadian town on each lake.

FRENCH—Pass.

PROFESSOR L. E. HORNING (Victoria), EXAMINER.

I. Lamartine, Christophe Colomb, XXXIV.

Translate :

Au lever du soleil du deuxième jour, des juncs fraîchement déracinés apparurent autour des vaisseaux. Une planche travaillée avec la hache, un bâton artistement ciselé à l'aide d'un instrument tranchant, une branche d'aubépine en fleur, enfin un nid d'oiseau suspendu à une branche rompue par le vent, rempli d'œufs que la mère couvait encore au doux roulis des vagues, flottèrent successivement sur les eaux. Les matelots recueillirent à bord ces témoins écrits, parlants ou vivants, d'une terre voisine. C'étaient les voix du rivage qui confirmaient celle de Colomb. Avant de contempler la terre des yeux du corps, on la concluait par ces indices de vie. Les séditeux tombèrent à genoux devant l'amiral outragé la veille, ils implorèrent le pardon de leur défiance, et entonnèrent l'hymne de reconnaissance au Dieu qui les avait associés à son triomphe.

1. *Fraichement*. Write a full note on formation of adverbs from adjectives.
2. Indicate pronunciation of *œufs*, *nid* and *hymne*.
3. Give two homonyms each of *vie* and *voix*.
4. Distinguish between *avant* and *devant*.
5. Give feminine of *doux* and *Dieu*; masculine of *fratche*.
6. *Au lever du soleil*.

Translate: We usually go for a walk, just after sunset in summer, as then the weather is cool.

II. Lamartine, Christophe Colomb, LXVII.

Translate :

Tous les caractères du véritable grand homme sont réunis dans ce nom: génie, travail, patience, obscurité du sort vaincue par la force de la nature, obstination douce mais infatigable pour le but, résignation au ciel, lutte contre les choses, longue préméditation de la pensée dans la solitude, exécution héroïque de la pensée dans l'action, intrépidité et sang-froid contre les éléments dans les tempêtes et contre la mort dans les séditions, confiance dans l'étoile non d'un homme, mais de l'humanité, vie jetée avec abandon et sans regarder derrière lui en se précipitant dans cet océan inconnu et plein de fantômes; Rubicon de quinze cents lieues, bien plus irremédiable que celui de César; étude infatigable, connaissances aussi vastes que l'horizon de son temps, maniement habile mais honnête des cœurs pour les séduire à la vérité, convenance, noblesse et dignité de formes extérieures, qui révélaient la grandeur de l'âme et qui enchaînaient les yeux et les cœurs, langage à la proportion et à la hauteur de ses pensées; éloquence qui convainquit les rois et qui domptait les séditions de ses équipages, poésie de style qui égalait ses récits aux merveilles de ses découvertes et aux images de la nature; amour immense, ardent et actif de l'humanité jusque dans ce lointain où elle ne se souvient plus de ceux qui la servent; sagesse d'un législateur et douceur d'un philosophe dans le gouvernement de ses colonies, pitié paternelle pour ces Indiens, enfants de la race

humaine dont il voulait donner la tutelle au vieux monde et non la servitude à des oppresseurs ; oubli des injures, magnanimité de pardon envers ses ennemis ; pitié enfin, cette vertu qui contient et qui divinise toutes les autres quand elle est ce qu'elle était dans l'âme de Colomb ; présence constante de Dieu dans l'esprit, justice dans la conscience, miséricorde dans le cœur, reconnaissance dans les succès, résignation dans les revers, adoration partout et toujours ! Tel fut cet homme.

1. *Véritable grand homme.*

Distinguish meanings of *grand* as it precedes or follows the noun.

Give a list of four similarly used with the distinctions.

2. *Génie, travail*, etc. Why no article ?

Give brief rules for omission of the article with nouns.

3. *Quinze cents lieues.*

Translate : My sister-in-law came (pret. indef.) to see me a fortnight ago, and will return home in a week.

III. Grammar and Composition.

1. Form plurals of the following nouns :—Landau, clou, bal, travail, basse-cour, arc-en-ciel, avant-coureur, réveille-matin.

2. Form the feminine of the following nouns and adjectives :—Chat, comte, débiteur, lion, cheval, acteur, roux, pareil, irrégulier, grec, coi, tiers.

3. Give the French for 11, 31, 71, 97, 101, 19th, 51st, 102nd. To-day is Thursday, May 21, 1873 ; what time is it by your watch ? seven minutes past nine.

4. What is a regular verb ? What are the principal parts ? Why so called ? Illustrate, using *finir* as an example.

5. (a) Give 2nd pers. sing. pres. indic. of appeler, acheter, aller, mourir, vivre.

(b) Give 2nd pers. plur. pres. indic. of acquérir, s'en aller, faire, dire contredire, maudire.

(c) Give 2nd pers. sing. fut. indic. of aller, mourir, pouvoir, savoir, tenir voir, envoyer.

(d) Give 2nd pers. sing. pres. subjunctive of aller, acquérir, venir, s'asseoir, mouvoir, valoir, prévaloir, craindre, faire.

(e) Give past participles (mas. and fem.) of bénir, mourir, ouvrir, pouvoir, inclure, nuire, suffire, lire, mettre, résoudre.

6. What adjectives generally follow their nouns ?

7. Give brief rules for use of subjunctive mood.

Translate into French :

1. Will you have the goodness to give me some paper, ink and pens—I want to write to my brother in Paris.

2. Everybody likes our new brown house.

3. Some three hundred of Alexander's army were killed in the battle against Darius, king of Persia.

4. Have you any English pears left? A very few, sir! How many will you have?
5. Are you going to have a cloak made? Yes, at the English tailor's.
6. He came very near dying.
7. How old are you? Seventeen, next July.
8. The more one has, the more one wants.
9. We want a French dictionary.
10. Alexander conquered Greece without striking a blow.
11. What kind of knives do you use?
12. Please clear off the table at once.
13. We have agreed about the conditions.
14. This cloth is worth three dollars and a half a yard.
15. My friend (f.) would like to speak to you in private.
16. Tell the servant to boil the potatoes now.
17. What the one does, the other undoes.
18. Do not put off till to-morrow what you can do to-day.
19. He lives upon bread and fruit.

FRENCH—Honors.

PROFESSOR L. E. HORNING (Victoria), EXAMINER.

I. Le Verre d'Eau, Act I., Scene 2.

Translate:

BOLINGBROKE. Oui . . . les jours où il fallait conduire ma femme au bal ! . . . Mais maintenant je tiens à rester ! je serais désolé de partir ! . . . je n'en ai pas le temps . . . je n'ai pas un moment à moi . . . membre de la chambre des communes et grand seigneur journaliste . . . je parle le matin, et j'écris le soir. . . En vain le ministère whig nous accable de ses triomphes, en vain il domine en ce moment l'Angleterre et l'Europe . . . seul avec quelques amis je soutiens la lutte, et les vaincus ont souvent troublé le sommeil des vainqueurs. . . Lord Marlborough, à la tête de son armée, tremble devant un discours de Henri de Saint Jean, ou un article de notre journal *l'Examineur*. Il a pour lui le prince Eugène, la Hollande et cinq cent mille hommes. . . J'ai pour moi Swift, Prior et Atterbury. . . A lui l'épée, à nous la presse ! nous verrons un jour à qui la victoire. . . L'illustre et avaro maréchal veut la guerre qui épuise le trésor public et qui remplit le sien . . . moi, je veux la paix et l'industrie, qui, mieux que les conquêtes, doivent assurer la prospérité de l'Angleterre. Voilà ce qu'il s'agit de faire comprendre à la reine, au parlement et au pays.

1. Give principal parts of *conduire*, *tiens*, *vaincus*, *comprendre*.
2. *Cinq cent mille hommes*.

Translate: Five hundred soldiers, eighty-one horses. In the year four hundred. There were three hundred of us.

3. Criticise Scribe's treatment of the historical characters in this comedy.

II. Le Verre d'Eau, Act V., Scene 4.

Translate:

LES MEMES, ABIGAIL, *accourant par la porte du fond à droite.*ABIGAIL, *tout émue, accourant près de Bolingbroke.* Milord... milord...LA REINE *avec colère.* Qu'y a-t-il?

ABIGAIL. Je venais annoncer que j'avais vu entrer dans la cour du palais la voiture de madame la duchesse!

LA REINE. La duchesse! (*Passant au milieu du théâtre.*) Eh! qui lui a donné l'audace de se présenter devant moi?

ABIGAIL. Elle venait... offrir à Sa Majesté, au sujet de l'événement d'hier, des excuses...

LA REINE. Que je n'admets pas... Je peux pardonner les injures qui me sont personnelles, jamais celles dirigées contre la dignité de ma couronne... et hier, à dessein, et non par hasard, la duchesse a eu, dans son orgueil, l'intention de manquer à sa souveraine et de l'outrager.

BOLINGBROKE. Intention manifeste!

THOMPSON, *se présentant à la porte du fond.* Milady duchesse de Marlborough attend dans la salle de réception les ordres de Sa Majesté.

LA REINE. Abigail, allez les lui porter. Dites-lui que nous ne pouvons la recevoir: que nous avons disposé de la place qu'elle occupait auprès de nous!... qu'elle ait dès demain à nous renvoyer son brevet de surintendante, et surtout les clefs de nos appartements, qui désormais lui sont interdits, ainsi que notre présence... Allez...

ABIGAIL, *stupéfaite.* Quoi, il serait possible...BOLINGBROKE, *froidement.* Allez donc, miss Abigail, obéissez à la reine.ABIGAIL. Oui, milord. (*A part.*) Ah! ce Bolingbroke est un démon! (*Abigail sort par la porte du fond à gauche.*)

1. Du fond.

Translate: The front of the stage. The centre of the stage. To come forward on the stage. To retire (go off) from the stage.

2. Venais annoncer.

Distinguish from venais à annoncer and venais d'annoncer.

3. Allez les lui porter.

(a) Give brief rules for order of position of pronouns as objects.

(b) Translate: He wears a green coat, but it does not become him as well as black. Well, then, why doesn't he try on this one, and if it fits him, he may have it very cheap.

III.

Translate into French:

1. If poor Marquis de Torcy does not succeed in his mission, it will be the death of him.

2. Arrayed in his best, he used to visit the Queen, Saturdays at 3.20 p.m.

3. Ferdinand listened calmly to Columbus, Isabella with enthusiasm. At first sight and on his first words she conceived for this messenger of God an admiration bordering on fanaticism, a liking akin to affection. Nature had

given to the person of Columbus the charm which captivates the eye, as well as the eloquence which wins over the reason. One would have said that she (nature) destined him to have for chief apostle a queen, and that the truth with which he was to endow his age, was to be received by and nourished in the heart of a woman. Isabella was that woman. The constancy of her favor for Columbus flagged neither before the indifference of her court nor before his enemies nor before his reverses. She believed in him from the first day. She was his proselyte upon the throne and his friend even to the tomb.

Translate :

IV. Souvestre, Souvenirs d'un Vieillard.

C'est aujourd' hui que je reçois les lettres de mes enfants ; elles sont là toutes deux sur mon bureau. Je reconnais chacune d'elles à la forme de l'enveloppe, à la couleur du papier!—Chers visiteurs que j'attends chaque semaine, et qui m'apportent comme un accent affaibli des absents!

Une lettre a toujours eu pour moi je ne sais quel invisible charme. Je ne puis regarder cette feuille pliée que referme un cachet fragile, sans penser qu'il y a là quelque chose d'une âme humaine, un fugitif rayonnement de vie qui a traversé l'espace pour arriver jusqu'à moi. Que de fois, accoudé le soir sur mon balcon quand le courrier passait au galop de son attelage, j'ai été saisi à la pensée de ce qu'il emportait des mystères douloureux, de haines déguisées, de confidences charmantes, d'élans sublimes peut-être! Tout ce monde intérieur, dont nous ne voyons que le masque, avait là son secret écho : c'étaient les confessions intimes du genre humain qui passaient, confiées à des mains grossières et indifférentes.

GERMAN—Pass.

PROFESSOR L. E. HORNING (*Victoria*), EXAMINER.

I. Hauff, Das kalte Herz.

Translate :

Kohlenmunkpeter hatte noch nie so schwere Träume gehabt, wie in dieser Nacht; bald glaubte er, der finstere riesige Holländer Michel reise die Stubenfenster auf und reiche mit seinem ungeheuer langen Arm einen Beutel voll Goldstücke herein, die er untereinander schüttelte, dass es hell und lieblich klang; bald sah er wieder das kleine freundliche Glasmännlein auf einer ungeheuren grünen Flasche im Zimmer umherreiten, und er meinte das heisere Lachen wieder, zu hören, wie im Tannenbühl; dann brummte es ihm wieder in's linke Ohr :

“ In Holland gib't's Gold,
Könnet's haben, wenn ihr wollt
Um geringen Sold,
Gold, Gold!”

Dann hörte er wieder in sein rechtes Ohr das Leichen vom Schatzhauser in grünen Tannenwald, und eine zarte Stimme flüsterte : “Dummer Kohlenpeter, dummer Peter Munk, kannst kein Sprüchlein reimen auf stehen, und bist doch am Sonntag geboren Schlag zwölf Uhr. Reime, dummer Peter, reime!”

1. Give principal parts of the following verbs:—Glaubte, klang, sah, umherreiten, könnet, stehen, geboren.

2. Reize. . . auf. Distinguish fully between separable and inseparable verbs.

3. Parse: Goldstücke, untereinander, ihm, Schlag, Uhr.

4. Zwölf. Derive.

5. Ohr. Decline.

II. Ibid.

Translate:

Du wurde Michel kleiner und immer kleiner, fiel nieder und wand sich hin und her wie ein Wurm, und schzte und stöhnte, und alle Herzen umher fiengen an zu zucken und zu pochen, dass es tönte wie in der Werkstatt eines Uhrmachers. Peter aber fürchtete sich, es wurde ihm ganz unheimlich zu Mut, er rannte zur Kammer und zum Haus hinaus und klimmte, von Angst getrieben, die Felsenwand hinan, denn er hörte, dass Michel sich aufraffte, stampfte und tobte, und ihm schreckliche Flüche nachschickte. Als er oben war, lief er dem Tannenbühl zu; ein schreckliches Gewitter zog auf, Blitze fielen links und rechts an ihm nieder und zerschmetterten die Bäume, aber er kam wohlbehalten in dem Revier des Glasmännleins an.

Sein Herz pochte freudig, und nur darum, weil es pochte. Dann aber sah er mit Entsetzen auf sein Leben zurück, wie auf das Gewitter, das hinter ihm rechts und links den schönen Wald zersplitterte. Er dachte an Frau Lisbet, sein schönes, gutes Weib, das er aus Geiz gemordet, er kam sich selbst wie der Auswurf der Menschen vor, und er weinte heftig, als er an Glasmännleins Hügel kam.

1. Give principal parts of *fiel, wand, getrieben, dachte, kam, nachschickte, zog, lief*.

2. *Zersplitterte* Give a list of inseparable prefixes, with notes on the force of *zer* and *ver*.

3. Give plurals of *Kammer, Haus, Wurm, Weib, Wald, Frau, Auswurf*.

4. *Werkstatt*. Give rule for gender.

III. Schiller, Der Gang nach dem Eisenhammer.

Translate:

Drauf Robert zum Gesellen spricht,
Mit falschem Heuchelschein:
"Frisch auf, Gesell, und säume nicht,
Der Herr begehret dein."
Der Herr, der spricht zu Fridolin:
"Musst gleich zum Eisenhammer hin,
Und frage mir die Knechte dorten,
Ob sie getan nach meinen Worten?"

Und jener spricht: "Es soll geschehn!"
Und macht sich flugs bereit.
Doch sinnend bleibt er plötzlich stehn

"Ob sie mir nichte gebeut?"
 Und vor die Gräfin stellt er sich :
 "Hinaus zum Hammer schickt man mich,
 So sag' was kann ich dir verrichten ?
 Denn dir gehören meine Pflichten."

1. Parse Frisch, dein, der (spricht, etc.), mir, getan, stehn, dir (2).
2. Worten. Give gender; distinguish from the other form of the plural.
3. Point out any poetical licenses in the extract.
4. Write a short account of Schiller.

IV. Grammar and Composition.

1. What do you mean by strong verbs?
2. Give 2nd pers. sing. (1) pres. indic., (2) imperf. subj., (3) pres. imperative active voice of the following verbs:—Befehlen, brechen, dürfen, essen, gehen, haben, kommen, lassen, nennen, sehen, thun, wissen.
3. Give in full pres. ind. act. of *wollen, sich waschen*.
4. Give brief rules for use of article with proper names.
5. Give rules for gender of nouns according to form.
6. Decline together in sing. and plur. the German for
 - (1) The large black man.
 - (2) A small red apple.
 - (3) My pretty green house.
7. Give a short account of comparison of adjectives.
8. Decline, ich, er sie es, der meinige, was (rel.)
9. Write down German for 11, 21, 101, 1000, 21st, 73rd, 203rd, three times, manifold, $4\frac{1}{2}$ — $2\frac{3}{4}$ lbs.—12 feet long.
10. Give a list of pure prepositions governing (a) the dative alone, (b) the accusative alone, (c) the dat. and accus. Illustrate the last by use of examples.

Translate into German:

1. Have you any money? Yes sir, three dollars.
2. My sister would have been here if she had not been ill.
3. Have you ever been in Toronto?
4. Two years ago our house was burnt to the ground.
5. What did you buy yesterday in the German's store?
6. Her father has lost his watch.
7. What time is it, please? Quarter past four. Why, my watch must be slow, for by it it is only ten minutes to four.
8. Queen Victoria ascended the English throne, June 20, 1837.
9. My brother is taller than yours.
10. What are you laughing at?

11. That little boy yonder is very proud of his new boots.
12. The longer the nights the shorter the days.
13. King Alfred is said to have studied a great deal during his spare moments.
14. Do you like white wine? No, I prefer red.
15. Have you seen the woman of whom you speak?

GERMAN—Honors.

PROFESSOR L. E. HORNING. (*Victoria*), EXAMINER.

I. Schiller, Die Belagerung von Antwerpen.

Translate:

Es ist ein anziehendes Schauspiel, den menschlichen Erfindungsgeist mit einem mächtigen Element im Kampfe zu erblicken und Schwierigkeiten, welche gemeinen Fähigkeiten untibersteiglich sind, durch Klugheit, Entschlossenheit und einen standhaften Willen besiegt zu sehen. Weniger anziehend, aber desto belehrender ist das Schauspiel des Gegentheils, wo der Mangel jener Eigenschaften alle Anstrengungen des Genies vereitelt, alle Gunst der Zufälle fruchtlos macht und, weil er ihn nicht zu benutzen weiss, einen schon entschiedenen Erfolg vernichtet. Beispiele von beidem liefert uns die berühmte Blokade der Stadt Antwerpen durch die Spanier beim Ablauf des sechzehnten Jahrhunderts, welche dieser blühenden Handelsstadt ihren Wohlstand unwiederbringlich raubte, dem Feldherrn hingegen, der sie unternahm und ausführte, einen unsterblichen Namen erwarb.

1. Mangel. Distinguish meanings according to gender. Give a list of six similarly distinguished.
2. Willen. Decline.
3. Der Stadt Antwerpen. Give rules for declension of proper nouns.
4. Feldherrn. What declension?

II. Ibid.

Translate:

Jene Ebene nämlich durchschneidet ein breiter und hoher Damm, der von dem anliegenden Schlosse Cowenstein den Namen führt und sich von dem Dorfe Stabroek in Bergen, drei Meilen lang bis an die Schelde erstreckt, mit deren grossem Damm er sich unweit Ordam vereinigt. Ueber diesen Damm hinweg konnten auch bei noch so hoher Fluth keine Schiffe fahren, und vergebens leitete man das Meer in die Felder, so lange ein solcher Damm im Wege stand, der die seeländischen Fahrzeuge hinderte, in die Ebene vor Antwerpen herabzusteigen. Das Schicksal der Stadt beruhte also darauf, dass dieser Cowensteinische Damm geschleift oder durchstochen wurde; aber eben weil der Herzog von Parma dieses voraussah, so hatte er gleich bei Eröffnung der Blokade von demselben Besitz genommen und keine Anstalten gespart, ihn bis aufs äusserste zu behaupten.

1. Durchschneidet. Distinguish meanings of this verb according as "durch" is separable or inseparable.
2. Hoher. Compare.
3. Ein solcher Damm. Decline in singular and plural. Also, decline German for "*Such bad weather.*"
4. Dorfe. Give plural.
5. Aufs äusserste. What form of superlative? Any other way of expressing it? What other words compared like *äusserste*?

III.

Translate :

"Wohl dem, der frei von Schuld und Fehler
Bewahrt die kindlich reine See'e!
Ihm dürfen wir nicht rächend nahn,
Er wandelt frei des Lebens Bahn—
Doch wehe, wehe, wer verstoßen
Des Mordes schwere That vollbracht!
Wir heften uns an seine Sohlen,
Das furchtbare Geschlecht der Nacht."

"Und glaubt er fliehend zu entspringen,
Geflügelt sind wir da, die Schlingen
Ihm werfend um den flucht'gen Fusz,
Dass er zu Boden fallen musz—
So jagen wir ihn, ohn' Ermatten,
Versöhnen kann uns keine Reu',
Ihn fort und fort bis zu den Schatten.
Und geben ihn auch dort nicht frei."

1. *Parce dem* (l. 1), *ihm* (l. 3), *verstoßen* (l. 5), *fliehend* (l. 9), *frei* (l. 16).
2. Give principal parts of *bewahrt*, *dürfen*, *nahn*, *vollbracht*, *entspringen*, *fallen*, *geben*.
3. Where did the incidents in this story take place? In what connection do the following names occur:—Apoll, Phocis, Timotheus, Erinyen, Eumeniden, Prytanen?

IV.

Translate into German :

Two benevolent Fairies stepped up to the cradle of a young prince who afterwards became one of the greatest princes of his country.

I present to this darling of mine, said the one, the sharpsighted glance of the eagle, whom not even the smallest gnat (*Mücke*) in his wide kingdom escapes.

The present is beautiful, said the second fairy, interrupting her. The prince will be a judicious monarch. But the eagle possesses not only the sharp-sightedness to see the smallest gnat; he possesses also such a noble contempt as not to hunt it. And let the prince take this as my present.

V. Lessing, Fabeln.

Translate:—

Ein ehrlicher Greis trug des Tages Last und Hitze, sein Feld mit eigner Hand zu pflügen und mit eigner Hand den reinen Samen in den lockern Schoos der willigen Erde zu streuen.

Auf einmal stand unter dem breiten Schatten einer Liade eine göttliche Erscheinung vor ihm da! Der Greis stutzte.

Ich bin Salomo, sagte mit vertraulicher Stimme das Phantom. Was machst du hier, Alter?

Wenn du Salomo bist, versetzte der Alte, wie kannst du fragen? Du schicktest mich in meiner Jugend zu der Ameise; ich sah ihren Wandel und lernte von ihr fleissig sein und sammeln. Was ich da lernte, das thue ich noch.

Du hast deine Lection nur halb gelernt, versetzte der Geist. Geh noch einmal hin zur Ameise und lerne nun auch von ihr in dem Winter deiner Jahre uhen und des Gesammelten genießen.

BOTANY.

PROFESSOR COLEMAN, PH.D. (Victoria), EXAMINER.

1. How does a seed differ from a spore? What plants produce seeds and what spores?
2. When a seed, such as that of the bean, sprouts, what parts can be distinguished and what are their uses? Give a rough sketch.
3. How does Indian corn differ from the bean in respect to seed leaves?
4. Describe the chief kinds of roots, showing their uses in the life of the plant.
5. Is a potato a root? Give reasons for your answer.
6. Describe the kinds of cells found in the epidermis of a leaf. What functions have they?
7. What are the substances necessary to plant life, and how are they obtained?
8. Mention a plant belonging to the Crowfoot family and one belonging to the Pine family, showing the characteristic points in each.

CHEMISTRY.

PROFESSOR COLEMAN, PH.D. (Victoria), EXAMINER.

1. Describe two ways in which Hydrogen can be prepared, giving equations. What are the properties of the gas produced?
2. How much does a litre of Oxygen, of Nitrogen and of Chlorine weigh as compared with a litre of Hydrogen? Why is Hydrogen chosen as standard?
3. (a) If metallic Sodium be allowed to act on 20 cu. centimetres of Hydrochloric acid gas what product is formed? (b) When the reaction is

complete how much gas is left? (c) What experiment will show the nature of the gas left?

4. (a) Give the usual method of preparing Sulphuric acid, showing by equations the reactions that take place. (b) What are the properties and uses of this acid, and what is the usual test for it?

5. What volume of Oxygen when combined with Hydrogen (under standard conditions) will produce 10 grams of water?

6. How does chemical affinity differ from cohesion?

7. Write the names and symbols of four compounds containing Sulphur.

8. (a) Who discovered Oxygen? (b) Who showed its true importance and overthrew the phlogistic theory?

PHYSICS.

PROFESSOR COLEMAN, PH.D. (Victoria), EXAMINER.

1. What is meant by specific gravity? How can you determine the specific gravity of a piece of gold? Why does iron float on quicksilver?

2. Two rods, one of iron, the other of stoneware, have one end thrust into the fire; what effect is produced respectively on the hands holding them, and why this difference?

3. Describe and sketch a mercurial thermometer. What are its uses and what property of bodies with respect to heat does it illustrate?

4. What is heat and how can it be transmitted?

5. How does light differ from heat?

6. Show by a sketch the effect of a convex lens on rays of light. Does a lens magnify as much in water as in air? Give reason for your answer.

7. Is gravitation a force that can be compared with heat or light?

8. Define "solid," "liquid," "gas."

9. In what ways may a gas be changed to a liquid and a liquid to a solid?

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